

جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Islamic Architecture
Department of Islamic Architecture

1444

Bachelor of
ARCHITECTURE AND PLANNING PROGRAM

برنامج بكالوريوس
العمارة والتخطيط

عمارة
تصميم حضري
تخطيط عمراني

Architecture
Urban Design
Urban Planning

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Program
definition

بطاقة تعريف
البرنـــــامج

1

بطاقة تعريف البرنامج

اسم البرنامج:	العمارة والتخطيط
نوع البرنامج:	رئيس بمسارات
فئة البرنامج في مشروع التحول البرامجي:	استحداث
عدد مسارات البرنامج (إن وجدت):	٣
أسماء مسارات البرنامج (إن وجدت):	(١) العمارة (٢) التصميم الحضري (٣) التخطيط العمراني
البرنامج :	
حالة التصنيف:	مصنف
رقم التصنيف:	٧٣١٠٤
المسار الأول:	
حالة التصنيف:	مصنف
رقم التصنيف:	٧٣١٠٤
المسار الثاني:	
حالة التصنيف:	مصنف
رقم التصنيف:	٧٣١٠٤
المسار الثالث:	
حالة التصنيف:	مصنف
رقم التصنيف:	٧٣١٠٥
المسار الرابع:	
حالة التصنيف:	
رقم التصنيف:	
مقار تقديم البرنامج:	مكة المكرمة
الكلية/الكليات المسؤولة عن إعداد البرنامج:	كلية الهندسة والعمارة الاسلامية
القسم/الأقسام المسؤولة عن إعداد البرنامج:	قسم العمارة الاسلامية
إجمالي الساعات المعتمدة للبرنامج:	٢٥٥ ساعة
إجمالي سنوات الدراسة:	٥ سنوات
الدرجة الممنوحة بنهاية البرنامج:	بكالوريوس

نقاط الخروج (إن وجدت)	الساعات المطلوبة:	١٠٨
	سنوات الدراسة:	٢
	الشهادة الممنوحة:	دبلوم متوسط (مهني)
	حالة الشهادة من حيث التصنيف	مصنف
	رقم التصنيف:	٧٣١٠٤

وصف مختصر للبرنامج:

كانت العمارة والتخطيط على مر التاريخ انعكاسا للتطور الثقافي والحضاري، واليوم يتصدى المعماريون والمصممون الحضريون والمخططون للقضايا العمرانية من خلال تحملهم مسؤولية البيئة المبنية والاستجابة للاحتياجات المجتمعية والحفاظ على الموارد الطبيعية. من هنا جاء برنامج العمارة والتخطيط الذي يرتبط مع أهداف رؤية المملكة ٢٠٣٠ والتي من بينها تحسين المشهد الحضري في المدن السعودية والحاجة الى استضافة المزيد من الحجّاج والمعتمرين وجعل المملكة أفضل وجهة للعيش وغيرها. ويتكون البرنامج من خمسة سنوات دراسية، منها ثلاثة للمقرات العامة وسنتان تخصصيتان في مجالات العمارة والتصميم الحضري والتخطيط العمراني. ويهدف البرنامج الذي يتمحور حول مفهوم الاستوديو لتخريج معماري ومصمم ومخطط ناجح يُعنى بالمجتمع وبثقافة الأمة، فينظر إلى ماضيها ومستقبلها لينتج عملاً أصيلاً يفي باحتياجات المجتمع ويخدم البيئة والثقافة المحلية ويطورها في إطار طابع عمراني متميز، يحافظ على العلاقات فيما بين أجزاء المبنى الواحد وبين المباني المحيطة وكذلك الأحياء السكنية بعضها ببعض وبين احتياجات الإنسان والبيئة، وصولاً إلى مستوى المدينة ثم الإقليم فالمستوى الوطني.

البرامج والجامعات التي تم الرجوع إليها في المقارنة المرجعية:

- Bachelor of Architecture, Urbanism and Building Sciences, College of Architecture and built environment, TU Delft - QS 57
- Bachelor's in Architecture; Bachelor's in Urban Planning and Bachelor's in Spatial System, College of Architecture, Building and Planning, University of Melbourne - QS 37
- Bachelor of Environmental Design, The University of Western Australia - QS 93
- Bachelor of Architecture and Environments, Sydney School of Arch., Design and Planning, The University of Sydney - QS 38
- Bachelor of Architecture Study and Bachelor of Urban Planing programs, College of Architecture and Planning, King Saud University - QS 277

ملاحظات:

*ينبغي الرجوع إلى التصنيف السعودي الموحد للمستويات والتخصصات التعليمية للحصول على رقم التصنيف.

*ينبغي تعبئة طلب تصنيف جديد للبرامج أو المسارات غير المصنفة.

*ينبغي الاستناد إلى المعايير التخصصية للبرامج إن وجدت (على سبيل المثال معايير تخصصات الشريعة والطب واللغة العربية لغير الناطقين بها)

Program
Specifications

توصيف البرنامج

2

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

Program Specification

Program Name: **Architecture and Planning**
Qualification Level : **Bachelor**
Department: **Islamic Architecture**
College: **College of Engineering and Islamic Architecture**
Institution: **Umm Al-Qura University**

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A. Program Identification and General Information

1. Program Main Location:

El-Abedyah Main Campus, Building Number (H).

2. Branches Offering the Program:

Not exists.

3. Reasons for Establishing the Program:
(Economic, social, cultural, and technological reasons, and national needs and development, etc.)

1. Introduction:
Throughout history, architecture and planning have been a reflection of cultural, economic, and urban development. Thus, today architects, urban designers and planners address urban issues by taking responsibility for the built environment, responding to societal needs, economic aspects, and conserving natural resources. Hence the architecture and planning program, which is linked with the essential aims of the Kingdom's Vision 2030, including improving the urban scene in Saudi cities and the need to host more pilgrims and Umrah pilgrims and make the Kingdom the best destination for living.

The program consists of five academic years, three of which are for general curriculums and two years are specialized in the fields of architecture, urban design, and urban planning.

The program, which revolves around the studio concept, aims to graduate a successful architects, urban designers and planners who concerned with the community and the nation's culture, considered past and future contexts to produce an original work that meets the needs of the community, serves the environment and local culture, and develops it within the framework of a distinct urban character. The latter should maintain the relationships between the buildings and the surrounding contexts such as residential neighborhoods, human needs, environmental, economic, societal aspects. Thus students should learn how to build successful and sustainable cities starting from the micro-level and macro-level up to national level.

2. Coping with changes in the field:
The necessity of coping with a variety of swift changes in the fields of architecture, urban design and urban planning that have swept these areas during the past few years.

3. Economic, social and cultural reasons:
The program is needed to prepare the Saudi youth to avail job opportunity in various professional fields. On the other hand, attending and graduating with an architecture and planning degree is one of the best experiences a student could have. Even if students never pursue a career in architecture, urban design or urban planning, the gained experience is highly beneficial and rewarding to everyone who attends. Here are some reasons:

a. *Aligning with Saudi Vision 2030:*
There are around ten urban projects, three cultural projects, four energy projects, and three tourism projects that have been announced on the website of Saudi Vision 2030, and finally, millions of housing units should be designed and built by 2030. All these urban, cultural, energy, tourism, and housing projects are huge and have a variety of characteristics that should be achieved such as considering environmental, societal, economic, technological, development, and national contexts.

Thus, this program aims to graduate successful architects, urban designers, and planners who are concerned with the community and the nation's culture, considering past and future contexts to produce an original work that meets the needs of the community serves the environment and local culture and develops it within the framework of a distinctly urban character that aligns with the aims of Saudi Vision 2030. By considering the relationships between urban scene and the surrounding contexts such as buildings, human needs, environmental, economic, and societal aspects. Thus, students should learn how to build successful and sustainable projects starting from the micro-level and macro-level up to the national level to achieve previous aspects.

b. *To Become a Brilliant Problem Solver.*
The architecture and planning program teaches students to take a pile of data and information and interpret it to inform how to design a building or solve a problem. The answers never come right away, they come through investigation of the problem and many versions of trial and error until arriving at a perfect solution. This is called the design process. The same design process and logic used to design a building can be used to solve many problems that have nothing to do with architecture. Once you learn and discover what your design process is, it will change how you approach problems in all areas of life.

c. *Because you love to make things.*
In the architecture and planning program, students are constantly making and producing things. Sketches, Drawings, models, renderings, 3d computer drawings, paintings, collages, photographs, portfolios, resumes, good ideas, the list goes on and on. Architecture school allows you to use that passion of creating. Students often find themselves so focused in the process of making, they lose track of time and the rest of the world. Staying up all night with intensity and focus.

d. *To think outside the box.*
Architecture and planning program is all about looking at problems from many different angles. It is not about getting from point A to point B. It is all about the journey that students go on to arrive at the destination.

e. *To help figure out what you want to do with your life.*
Many people start the architecture program and quickly realize that architecture isn't for them but get a very clear understanding of what they should be doing. Maybe it's graphic design, engineering, computer programming, art, or whatever. The intensity of the architecture program helps people get very clear and discover what they should be doing with their lives, even if it isn't architecture.

f. *Studying Architecture will change your life.*
It will change how students see the world and ultimately change their life. You will graduate as a drastically different person than when you started. Except for architecture friends, no one will really understand what you went through during your years at architecture school.

The architecture and planning program isn't easy and it's not supposed to be. The purpose of architecture school is to create strong, dynamic, smart, well-rounded graduates who are ready to move into the next phase of becoming an architect.

4. Total Credit Hours for Completing the Program: (255 hour)

5. Professional Occupations/Jobs:

- Architect,
- Urban Designer,
- Urban Planner,
- Landscape Architect,
- Interior and Spatial Designer,
- Project Manager (Architect), etc.

6. Major Tracks/Pathways (if any)**:**

Major track/pathway	Credit hours (For each track)		Professional Occupations/Jobs (For each track)
	Total	Track	
1. Architecture	255	103 hour	Architect
2. Urban Design	255	103 hour	Urban designer
3. Planning	255	103 hour	Urban Planner

7. Intermediate Exit Points/Awarded Degree (if any)**:**

Intermediate exit points/awarded degree	Credit hours
1. Intermediate Professional Diploma	108 hour

B. Mission, Goals, and Learning Outcomes

1. Program Mission:

The program of Architecture and Planning at the Umm Al-Qura University is dedicated to the professional education of those who will plan, design, build, and conserve the built environment. Utilizing its remarkable location in the Islamic nation's capital but also other international cities as learning laboratories, the department of Islamic Architecture provides an enriching educational climate in which students investigate the realms of architecture, urban planning, urban design, building construction, history and theories, computer applications, sustainability, etc. within the context of the world in which we live.

As architecture, urban design, and planning must respond to the needs and aspirations of our society, the architect, urban designer, and planner today must understand the nature of the human being in time, space, and culture. As a program within the Umm Al-Qura University in Saudi Arabia, our principles are critically informed by the ethical, religious, philosophical, and societal potentialities of our discipline. Specifically, this translates into the study of the three relationships at the heart of all human habitation: our relationship with others (Social dimension), our relationship with the environment (sustainable dimension), and our relationship with Allah (religious dimension). The attitudes, values, skills, and knowledge embedded in these dimensions are pursued through a philosophy devoted to the integration of artistic creativity, intellectual curiosity, technical acuity, cultural diversity, and spiritual maturity. In doing so, we aim to cultivate a holistic view of architecture, urban design, planning, and design so that students, future architects, urban designers, and planners, can assume personal responsibility for the beauty, equity, and wellbeing of the world. Our ultimate goal is to forge inspiring contemporary attitudes toward Building Stewardship for society at large.

We are thus **committed to providing leadership and innovation in the built environment field by engaging in teaching, practice, and service informed by our environmental, social, and spiritual concerns and in accordance with the Saudi Vision 2030.**

2. Program Goals:

The program aims to offer knowledge and prepare architectural, urban designers, and planners for the identification and analysis of architectural and planning problems, design and development in architecture, and improvement in aesthetic as well as efficiency terms. The key architectural, urbanistic, and other issues are related to other important parameters such as social, aesthetic, religious and ecological values. Students that have completed the program will be able to apply advanced knowledge based on human, technical and social aspects and will be competent to solve programs of architectural, and urbanistic. Their enhanced communication, problem-solving, and analysis skills will prepare them to implement more complex projects in the area and give them a route to academic research.

Upon completion of academic studies, the student possesses the basic knowledge necessary for understanding the process of architectural design, urban design, and planning. Also, gaining skills for communication, work in teams and exchange of information and ideas on issues related to the architecture, urban design, and planning profession. For the implementation of the acquired knowledge and skills to use and respect the law, standards, and norms.

Lastly, the profession and its main interdisciplinary component are prone to technological, social, economic, and lifestyle changes. Hence, it is essential that the student is committed to lifelong learning in architecture, urban design, and planning. The program of study, among others, aims at instilling a logic lifelong learning. The program also includes elective curriculums needed to build students' personal and productive competencies that can help the students to transfer and contextualise their competencies to different working fields and environments. Based on the foregoing, the objectives were defined as follows:

Through the following Program Educational Objectives (PEOs), the graduates will:

PEO_1: Apply the learned fundamental concepts of the built environment to find innovative solutions in professional roles in architecture, urban planning, and design and offer sound knowledge in design theories and applications, building technology, social, cultural, environmental, and information technology.

PEO_2: Utilize various numerical, practical and technical skills for the analysis, design and implementation of creative solutions in the built environment field.

PEO_3: Effectively communicate and work in teams that are required for leadership positions and successful participation in multi-disciplinary teams.

PEO_4: Be aware of professional ethics that are compatible with environmental factors and community ethics and Islamic values including critical thinking, leadership, interpersonal skills, communication, and presentation.

PEO_5: Be interested in lifelong learning skills including critical thinking, leadership, interpersonal skills, communication, and presentation.

3. Relationship between Program Mission and Goals and the Mission and Goals of the Institution/College.

The program mission and goals are fully compatible with the mission and goals of the College and the Institution:

Mission of UQU: Provision of distinctive scientific education and research that serve the community and Hajj and Umrah, and contribute to the development of the knowledge-based economy in accordance with the Saudi Vision 2030.

College of Engineering and Islamic Architecture Mission: Graduating talented engineers and architects with broad education and professional skills, conducting high-quality research, exploring innovative technical solutions to serve the society, promoting Islamic values, and developing a knowledge economy in line with the university's mission and the Saudi Vision 2030.

4. Graduate Attributes:

1. Commitment to values, ethics, and responsibility:

- Commitment to work ethics
- Commitment to Islamic identity & Values
- Social responsibility (Citizenship & community services)
- Responsibility & accountability

2. Knowledge application and lifelong learning:

- Knowledge & extensive knowledge in the field of specialization
- Self-learning & continual learning
- The practices of knowledge and field skills

3. Active personality skills:

- Effective communication skills (verbal, written, and technological)
- Teamwork and leadership skills
- Advanced interpersonal skills
- Initiative and Determination

4. Problem-solving and decision-making abilities

- Analysis and problem-solving skills
- Critical thinking skills
- Decision-making skills

5. Digital and information technology abilities

- Digital and information technology skills
- Numerical skills

5.Program learning Outcomes:

a. Architecture Track*

Knowledge and Understanding	
K1	Demonstrate a comprehensive understanding of the built environment.
K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.
K3	Demonstrate an in-depth understanding of regulations, professional ethics, and responsibilities of architects.
K4	Explain concepts of mathematics and scientific theories relevant to the built environment.
Skills	
S1	Make decisions for complex design problems in creative and scientific manners.
S2	Analyse the Islamic values and its impact on the formation of the human and built environment at multiple scales.
S3	Apply scientific research for complex issues of the built environment.
S4	Execute drawings, craftworks and physical models efficiently.
S5	Communicate in different forms to demonstrate understanding and transfer knowledge.
Values	
V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.
V2	Demonstrate personal, professional and social responsibility.

* Built environment refers to: **Architecture, Urban Design and Urban Planning**

b. Urban Design Track *	
Knowledge and Understanding	
K1	Demonstrate a comprehensive understanding of the built environment.
K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.
K3	Demonstrate an in-depth understanding of regulations, professional ethics, and responsibilities of architects.
K4	Explain concepts of mathematics and scientific theories relevant to the built environment.
Skills	
S1	Make decisions for complex design problems in creative and scientific manners.
S2	Analyse the Islamic values and its impact on the formation of the human and built environment at multiple scales.
S3	Apply scientific research for complex issues of the built environment.
S4	Execute drawings, craftworks and physical models efficiently.
S5	Communicate in different forms to demonstrate understanding and transfer knowledge.
Values	
V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.
V2	Demonstrate personal, professional and social responsibility.

* Built environment refers to: Architecture, Urban Design and Urban Planning

c. Urban Planning Track *	
Knowledge and Understanding	
K1	Demonstrate a comprehensive understanding of the built environment.
K2	Demonstrate an in-depth understanding of systems, technologies, safety and assemblies of the built environment.
K3	Demonstrate an in-depth understanding of regulations, professional ethics, and responsibilities of architects.
K4	Explain concepts of mathematics and scientific theories relevant to the built environment.
Skills	
S1	Make decisions for complex design problems in creative and scientific manners.
S2	Analyse the Islamic values and its impact on the formation of the human and built environment at multiple scales.
S3	Apply scientific research for complex issues of the built environment.
S4	Execute drawings, craftworks and physical models efficiently.
S5	Communicate in different forms to demonstrate understanding and transfer knowledge.
Values	
V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.
V2	Demonstrate personal, professional and social responsibility.

* Built environment refers to: Architecture, Urban Design and Urban Planning

C. Curriculum

1. Curriculum Structure

Architecture Track

Program Structure	Required/ Elective	No. of courses	Credit Hours	Percentage
Institution Requirements	Required	**13**	**32**	**12.5%**
	Elective	**3**	**6**	**2.4%**
Program Requirements	Required	**69**	**199**	**78.0%**
	Elective	**5**	**10**	**3.9%**
Capstone Course/Project	N/A	**0**	**0**	**0.0%**
Cooperative Training	Required	**1**	**8**	**3.1%**
Others	None	**0**	**0**	**0.0%**
Total			**255**	**100.0%**

* Add a table for each track (if any)

Urban Design Track

Program Structure	Required/ Elective	No. of courses	Credit Hours	Percentage
Institution Requirements	Required	**13**	**32**	**12.5%**
	Elective	**3**	**6**	**2.4%**
Program Requirements	Required	**69**	**199**	**78.0%**
	Elective	**5**	**10**	**3.9%**
Capstone Course/Project	N/A	**0**	**0**	**0.0%**
Cooperative Training	Required	**1**	**8**	**3.1%**
Others	None	**0**	**0**	**0.0%**
Total			**255**	**100.0%**

Urban Planning Track

Program Structure	Required/ Elective	No. of courses	Credit Hours	Percentage
Institution Requirements	Required	**13**	**32**	**12.5%**
	Elective	**3**	**6**	**2.4%**
Program Requirements	Required	**69**	**199**	**78.0%**
	Elective	**5**	**10**	**3.9%**
Capstone Course/Project	N/A	**0**	**0**	**0.0%**
Cooperative Training	Required	**1**	**8**	**3.1%**
Others	None	**0**	**0**	**0.0%**
Total			**255**	**100.0%**

2. Program Study Plan

Unified Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
1	ARC 1001	Architectural Formation Principles Studio 1	Required	None		5	Department
1	ARC 1302	Architectural Drawings and Presentation	Required	None		3	Department
1	ARC 1309	Ancient civilizations and Medieval Architecture	Required	None		2	Department
1	MTH 1601	Mathematics for Architects	Required	None		2	Department
1	ELCN1301	English Language	Required	None		4	University
1	ICC 1201	Islamic Culture 1	Required	None		2	University
2	ARC 1002	Architectural Formation Principles Studio 2	Required	Architectural Formation Principles Studio 1		5	Department
2	ARC 1306	Architectural Models	Required	Architectural Drawings and Presentation		3	Department
2	ARC 1308	Design Process and Methods	Required	None		2	Department
2	ARC 1303	Shade, Shadow and Perspective	Required	Architectural Drawings and Presentation		2	Department
2	ELCN1302	English Language	Required	Intensive English Language D1		4	University
2	DS1101	Digital Technology	Required	None		2	University
3	ARC 1003	Fundamental Design Principles Studio	Required	Architectural Formation Principles Studio 2		5	Department
3	ARC 1314	Buildings Design Standards 1	Required	Design Process and Methods		3	Department
3	ARC 140#	Elective Course 1	Elective	None		2	Department
3	PHY 1115	Physics for Architects	Required	None		2	Department
3	ELCN1303	English Language	Required	Intensive English Language D2		4	University
3	QR 1101	The Holy Quran 1	Required	None		2	University
4	ARC 1004	Architectural Design Studio 1: Small Scale Public Buildings	Required	Fundamental Design Principles Studio		5	Department
4	ARC 1101	Building Construction Studio 1: Site Preparation	Required	Fundamental Design Principles Studio		3	Department
4	ARC 1203	Vector-based Drawing	Required	None		2	Department
4	ARC 1315	Introduction to Landscape Architecture	Required	Fundamental Design Principles Studio		2	Department
4	ARC 1310	Architecture of Islamic Civilization	Required	None		2	Department
4	CE 1632	Surveying	Required	None		2	Department
4	ICC 2202	Islamic Culture 2	Required	Islamic Culture 1		2	University
5	ARC 1005	Architectural Design Studio 2: Medium Scale Public Buildings	Required	Architectural Design Studio 1: Small Scale Public Buildings		5	Department
5	ARC 1102	Building Construction Studio 2: Components of Building Structure	Required	Building Construction Studio 1: Site Preparation		3	Department
5	ARC 1205	3D Modeling	Required	Vector-based Drawing		2	Department
5	ARC 1304	Local Architectural Heritage	Required	None		2	Department
5	ARC 1311	Renaissance and Pre-modern Architecture	Required	None		2	Department
5	ARC 1317	Environmental control Systems	Required	Architectural Design Studio 1: Small Scale Public Buildings		2	Department
5	CE 1450	Structure 1	Required	None		2	Department

Unified Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
6	ARC 1006	Architectural Design Studio 3: Vernacular Architecture	Required	Architectural Design Studio 2: Medium Scale Public Buildings	Local Architectural Heritage	5	Department
6	ARC 1103	Building Construction Studio 3: Components of Building Structure	Required	Building Construction Studio 2: Components of Building Structure		3	Department
6	ARC 1201	Creative Generative-Design	Required	3D Modeling		2	Department
6	ARC 1307	Buildings' Technical Installations	Required	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
6	ARC 1313	Principles of Urban Design	Required	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
6	ARC 141#	Elective Course 2	Elective	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
6	QR 2102	The Holy Quran 2	Required	The Holy Quran 1		2	University
7	ARC 1007	Architectural Design Studio 4: Conventional Structure Systems	Required	Architectural Design Studio 3: Vernacular Architecture		5	Department
7	ARC 1104	Building Construction Studio 4: Technical Drawings	Required	Building Construction Studio 3: Components of Building Structure		3	Department
7	ARC 1312	Principles of Urban Planning	Required	Architectural Design Studio 3: Vernacular Architecture		2	Department
7	ARC 1316	Structure Systems in Architecture	Required	Building Construction Studio 3: Components of Building Structure		2	Department
7	ARC 1109	Introduction to Urban Design Studio	Required	Architectural Design Studio 3: Vernacular Architecture	Principles of Urban Design	4	Department
7	CE 2452	Structure 2	Required	Structure 1		2	Department
8	ARC 1008	Architectural Design Studio 5: Long Spans	Required	Architectural Design Studio 4: Conventional Structure Systems	Structure Systems in Architecture	5	Department
8	ARC 1105	Building Construction Studio 5: Finishes	Required	Building Construction Studio 4: Technical Drawings		3	Department
8	ARC 1305	Sustainable Architecture	Required	Architectural Design Studio 4: Conventional Structure Systems		2	Department
8	ARC 142#	Elective Course 3	Elective	Architectural Design Studio 4: Conventional Structure		2	Department
8	ARC 1110	Introduction to Urban Planning Studio	Required	Introduction to Urban Design Studio	Principles of Urban Planning	4	Department
8	CE 2454	Structure 3	Required	Structure 2		2	Department
9	ARC 1500	Cooperative Training	Required	Architectural Design Studio 5: Long Spans	Introduction to Urban Planning Studio	8	Department

Unified Courses (Electives)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
3	ARC 1401	Digital Architectural Photography	Elective	None		2	Department
3	ARC 1402	Arabic Calligraphy and Ornamentation	Elective	None		2	Department
3	ARC 1403	Graphic Design Principles	Elective	None		2	Department
6	ARC 1411	Vocabulary of Islamic Architecture	Elective	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
6	ARC 1412	Contemporary Mosques Architecture	Elective	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
6	ARC 1413	Architecture of the Two Holy Mosques	Elective	Architectural Design Studio 2: Medium Scale Public Buildings		2	Department
8	ARC 1421	Introduction to Urban Spaces Analysis	Elective	Architectural Design Studio 4: Conventional Structure Systems		2	Department
8	ARC 1422	Sustainable Landscape Architecture	Elective	Architectural Design Studio 4: Conventional Structure Systems		2	Department
8	ARC 1423	Urban topics in Hajj and Umrah	Elective	Architectural Design Studio 4: Conventional Structure Systems		2	Department

Architecture Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
10	ARC 2009	Architectural Design Studio 6: Sustainable Buildings	Required	Architectural Design Studio 5: Long Spans	Sustainable Architecture	5	Department
10	ARC 2107	Execution Design Studio of Residential Buildings	Required	Building Construction Studio 5: Finishes		3	Department
10	ARC 2204	Environmental Simulation	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 2327	Twentieth century Architecture	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 2329	Buildings Design Standards 2	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 2325	Interior Design	Required	Architectural Design Studio 5: Long Spans		2	Department
10	QR 3103	The Holy Quran 3	Required	The Holy Quran 2		2	University
11	ARC 2010	Architectural Design Studio 7: Mixed-Use Buildings	Required	Architectural Design Studio 6: Sustainable Buildings	Buildings Design Standards 2	5	Department
11	ARC 2108	Execution Design Studio of Public Buildings	Required	Execution Design Studio of Residential Buildings		3	Department
11	ARC 2206	Digital Fabrication and Prototyping	Required	Architectural Design Studio 6: Sustainable Buildings		2	Department
11	ARC 2318	Creativity in Architecture	Required	Architectural Design Studio 6: Sustainable Buildings		2	Department
11	ARC 2320	Conservation of Architectural Heritage	Required	Architectural Design Studio 6: Sustainable Buildings		2	Department
11	ICC 3203	Islamic Culture 3	Required	Islamic Culture 2		2	University
11	ARS 1500	Arabic Writing and Editing	Required	None		2	University
12	ARC 2011	Architectural Design Studio 8: Conservation of Heritage Buildings	Required	Architectural Design Studio 7: Mixed-Use Buildings	Conservation of Architectural Heritage	5	Department
12	ARC 2106	Execution Design Studio of Blow-Ups Detailing	Required	Execution Design Studio of Public Buildings		3	Department
12	ARC 2322	Professional Practice for Architects	Required	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
12	ARC 2323	Architecture of Mega Structures	Required	Buildings Design Standards 2		2	Department
12	ARC 2326	Applications of the Saudi Building Code in Architecture	Required	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
12	ARC 240#	Elective Course 1: Architecture	Elective	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
12		Elective 1 (General Course)	Elective	None		2	University
13	ARC 2012	Architectural Design Studio 9: Professional Practice	Required	Architectural Design Studio 8: Conservation of Heritage Buildings	Professional Practice for Architects	5	Department
13	ARC 2324	Graduation Project Research: Architecture	Required	Architectural Design Studio 8: Conservation of Heritage Buildings		2	Department
13	ARC 2207	Computer-Based Architectural Project Management 1	Required	Architectural Design Studio 8: Conservation of Heritage Buildings		2	Department
13	ARC 2321	Smart Buildings	Required	Buildings Design Standards 2		2	Department
13	ARC 2319	Universal Design	Required	Buildings Design Standards 2		2	Department
13	ARC 2328	Biomimetic Architecture	Required	Architectural Design Studio 8: Conservation of Heritage Buildings		2	Department
13	ICC 4204	Islamic Culture 4	Required	Islamic Culture 3		2	University
14	ARC 3013	Graduation Project Studio 1: Architecture	Required	Graduation Project Research: Architecture	Architectural Design Studio 9: Professional Practice	7	Department
14	ARC 3208	Computer-Based Architectural Project Management 2	Required	Computer-Based Architectural Project Management 1		2	Department
14	ARC 3321	Human and Environment	Required	Architectural Design Studio 9: Professional Practice		2	Department
14	ARC 3322	Resilient design	Required	Architectural Design Studio 9: Professional Practice		2	Department
14	QR 4104	The Holy Quran 4	Required	The Holy Quran 3		2	University
14		Elective 2 (General Course)	Elective	None		2	University

Architecture Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
15	ARC 3014	Graduation Project Studio 2: Architecture	Required	Graduation Project Studio 1: Architecture		7	Department
15	ARC 3320	Economics of Architectural Projects	Required	Graduation Project Studio 1: Architecture		2	Department
15	ARC 3323	Architecture of the Future	Required	Smart Buildings		2	Department
15	ARC 340#	Elective Course 2: Architecture	Elective	Graduation Project Studio 1: Architecture		2	Department
15		Elective 3 (General Course)	Elective	None		2	University

Architecture Track Courses (Electives)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
12	ARC 2401	Photorealistic Rendering Techniques	Elective	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
12	ARC 2402	Computer Modeling in Building Construction	Elective	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
12	ARC 2403	Computerized Applications of Crowd Studies in Architecture	Elective	Architectural Design Studio 7: Mixed-Use Buildings		2	Department
15	ARC 3401	Human Factors in Architecture	Elective	Graduation Project Studio 1: Architecture		2	Department
15	ARC 3402	Architectural Criticism	Elective	Graduation Project Studio 1: Architecture		2	Department
15	ARC 3403	Selected Topics in Architecture	Elective	Graduation Project Studio 1: Architecture		2	department

Urban Design Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
10	ARC 3031	Urban Design Studio 1: Existing Areas Development	Required	Architectural Design Studio 5: Long Spans	Introduction to Urban Design Studio	5	Department
10	ARC 3131	Urban Spatial Analysis Studio	Required	Architectural Design Studio 5: Long Spans		3	Department
10	ARC 3231	Urban Information Systems	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3331	Urban Environmental Control	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3332	Urban Morphology	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3333	Housing	Required	Architectural Design Studio 5: Long Spans		2	Department
10	QR 3103	The Holy Quran 3	Required	The Holy Quran 2		2	University
11	ARC 3032	Urban Design Studio 2: New Areas Development	Required	Urban Design Studio 1: Existing Areas Development	Urban Morphology	5	Department
11	ARC 3132	Urban Design Details Studio	Required	Urban Design Studio 1: Existing Areas Development		3	Department
11	ARC 3232	Urban Virtual and Augmented Reality	Required	Urban Information Systems		2	Department
11	ARC 3334	Advanced studies in Landscape Architecture	Required	Urban Design Studio 1: Existing Areas Development		2	Department
11	ARC 3335	Introduction to Sustainable Urban Design	Required	Urban Design Studio 1: Existing Areas Development		2	Department
11	ICC 3203	Islamic Culture 3	Required	Islamic Culture 2		2	University
11	ARS 1500	Arabic Writing and Editing	Required	None		2	University
12	ARC 3033	Urban Design Studio 3: Sustainability	Required	Urban Design Studio 2: New Areas Development	Introduction to Sustainable Urban Design	5	Department
12	ARC 3133	Landscape Architecture Studio	Required	Urban Design Studio 2: New Areas Development	Advanced studies in Landscape Architecture	3	Department
12	ARC 3336	Conservation of Heritage Sites	Required	Urban Design Studio 2: New Areas Development		2	Department
12	ARC 3337	Streets Planning and Design	Required	Urban Design Studio 2: New Areas Development		2	Department
12	ARC 3338	Humanizing the Cities	Required	Urban Design Studio 2: New Areas Development		2	Department
12	ARC 343#	Elective Course 1: Urban Design	Elective	Urban Design Studio 2: New Areas Development		2	Department
12		Elective 1 (General Course)	Elective	None		2	University
13	ARC 3034	Urban Design Studio 4: Urban Heritage Conservation	Required	Urban Design Studio 3: Sustainability	Conservation of Heritage Sites	5	Department
13	ARC 3339	Graduation Project Research: Urban Design	Required	Urban Design Studio 3: Sustainability		2	Department
13	ARC 3340	Cities Centers	Required	Urban Design Studio 3: Sustainability		2	Department
13	ARC 3341	Urban Sociology	Required	Urban Design Studio 3: Sustainability		2	Department
13	ARC 3342	Principles of Urban Mobility	Required	Urban Design Studio 3: Sustainability		2	Department
13	ARC 3343	Public Transportation Planning and Management	Required	Urban Design Studio 3: Sustainability		2	Department
13	ICC 4204	Islamic Culture 4	Required	Islamic Culture 3		2	University
14	ARC 4035	Graduation Project Studio 1: Integrated Urban Design	Required	Urban Design Studio 4: Urban Heritage Conservation	Graduation Project Research: Urban Design	7	Department
14	ARC 3344	Crowd Management	Required	Urban Design Studio 4: Urban Heritage Conservation		2	Department
14	ARC 3345	Smart Urban Spaces	Required	Urban Design Studio 4: Urban Heritage Conservation		2	Department
14	ARC 3346	Urban Wayfinding	Required	Urban Design Studio 4: Urban Heritage Conservation		2	Department
14	QR 4104	The Holy Quran 4	Required	The Holy Quran 3		2	University
14		Elective 2 (General Course)	Elective	None		2	University

Urban Design Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
15	ARC 4036	Graduation Project Studio 2: Integrated Urban Design	Required	Graduation Project Studio 1: Integrated Urban Design		7	Department
15	ARC 4347	Professional Practice of Urban Design	Required	Graduation Project Studio 1: Integrated Urban Design		2	Department
15	ARC 4348	Future Urbanism	Required	Graduation Project Studio 1: Integrated Urban Design		2	Department
15	ARC 444#	Elective Course 2: Urban Design	Elective	Graduation Project Studio 1: Integrated Urban Design		2	Department
15		Elective 3 (General Course)	Elective	None		2	University

Urban Design Track Courses (Electives)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
12	ARC 3431	Temporary Urbanism	Elective	Urban Design Studio 2: New Areas Development		2	Department
12	ARC 3432	Project Management for Planners	Elective	Urban Design Studio 2: New Areas Development		2	Department
12	ARC 3433	Terminals Planning and Design	Elective	Urban Design Studio 2: New Areas Development		2	Department
15	ARC 4441	Fundamentals of Real Estate Development	Elective	Graduation Project Studio 1: Integrated Urban Design		2	Department
15	ARC 4442	Ecotourism Planning	Elective	Graduation Project Studio 1: Integrated Urban Design		2	Department
15	ARC 4443	Selected Topics in Urban Design	Elective	Graduation Project Studio 1: Integrated Urban Design		2	Department

Urban Planning Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
10	ARC 3051	Urban Planning Studio 1: Neighborhood	Required	Architectural Design Studio 5: Long Spans	Introduction to Urban Planning Studio	5	Department
10	ARC 3151	Urban Spatial Analysis Studio.	Required	Architectural Design Studio 5: Long Spans		3	Department
10	ARC 3251	Urban Information Systems.	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3351	Urban Planning Theories	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3352	Advanced studies in Landscape Architecture.	Required	Architectural Design Studio 5: Long Spans		2	Department
10	ARC 3353	Housing.	Required	Architectural Design Studio 5: Long Spans		2	Department
10	QR 3103	The Holy Quran 3	Required	The Holy Quran 2		2	University
11	ARC 3052	Urban Planning Studio2: Residential District	Required	Urban Planning Studio 1: Neighborhood	Housing	5	Department
11	ARC 3152	Landscape Architecture Studio.	Required	Urban Planning Studio 1: Neighborhood		3	Department
11	ARC 3252	Advanced Urban Information Systems	Required	Urban Information Systems		2	Department
11	ARC 3354	Urban Transportation Planning	Required	Urban Planning Studio 1: Neighborhood		2	Department
11	ARC 3355	Urban Service Facilities	Required	Urban Planning Studio 1: Neighborhood		2	Department
11	ICC 3203	Islamic Culture 3	Required	Islamic Culture 2		2	University
11	ARS 1500	Arabic Writing and Editing	Required	None		2	University
12	ARC 3053	Urban Planning Studio 3: New City	Required	Urban Planning Studio2: Residential District	Urban Service Facilities	5	Department
12	ARC 3153	Detailed Urban Planning Studio	Required	Urban Planning Studio2: Residential District		3	Department
12	ARC 3253	Computer Applied Statistics	Required	Urban Planning Studio2: Residential District		2	Department
12	ARC 3356	Regional Planning	Required	Urban Planning Studio2: Residential District		2	Department
12	ARC 3357	Cities and Climate Change	Required	Urban Planning Studio2: Residential District		2	Department
12	ARC 345#	Elective Course 1: Urban Planning	Elective	Urban Planning Studio2: Residential District		2	Department
12		Elective 1 (General Course)	Elective	None		2	University
13	ARC 3054	Urban Planning Studio 4: Regional Planning	Required	Urban Planning Studio 3: New City	Regional Planning	5	Department
13	ARC 3358	Graduation Project Research: Urban Planning	Required	Urban Planning Studio 3: New City		2	Department
13	ARC 3359	Urban Governance	Required	Urban Planning Studio 3: New City		2	Department
13	ARC 3360	Sustainable Cities	Required	Urban Planning Studio 3: New City		2	Department
13	ARC 3361	Urban Infrastructure	Required	Urban Planning Studio 3: New City		2	Department
13	ARC 3362	Public Transportation Planning and Management.	Required	Urban Planning Studio 3: New City		2	Department
13	ICC 4204	Islamic Culture 4	Required	Islamic Culture 3		2	University
14	ARC 4055	Graduation Project Studio 1: Urban Planning	Required	Graduation Project Research: Urban Planning	Urban Planning Studio 4: Regional Planning	7	Department
14	ARC 4363	Urban Economics	Required	Urban Planning Studio 4: Regional Planning		2	Department
14	ARC 4364	Urban Sociology and Population	Required	Urban Planning Studio 4: Regional Planning		2	Department
14	ARC 4365	Smart Cities	Required	Urban Planning Studio 4: Regional Planning		2	Department
14	QR 4104	The Holy Quran 4	Required	The Holy Quran 3		2	University
14		Elective 2 (General Course)	Elective	None		2	University

Urban Planning Track Courses (Required)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
15	ARC 4056	Graduation Project Studio 2: Urban Planning	Required	Graduation Project Studio 1: Urban Planning		7	Department
15	ARC 4366	Multicriteria Assessment of Urban Development Projects	Required	Graduation Project Studio 1: Urban Planning		2	Department
15	ARC 4367	Professional Practice of Planning	Required	Graduation Project Studio 1: Urban Planning		2	Department
15	ARC 446#	Elective Course 2: Urban Planning	Elective	Graduation Project Studio 1: Urban Planning		2	Department
15		Elective 3 (General Course)	Elective	None		2	University

Urban Planning Track Courses (Electives)

Level	Course Code	Course Title	Required / Elective	Pre-Requisite 1	Pre-Requisite 2	Credit Hours	Type of requirements
12	ARC 3451	Urban Indicators	Elective	Urban Planning Studio2: Residential District		2	Department
12	ARC 3452	Technology and Desert Development	Elective	Urban Planning Studio2: Residential District		2	Department
12	ARC 3453	Urban Development in Saudi Arabia	Elective	Urban Planning Studio2: Residential District		2	Department
15	ARC 4461	Selected Topics in Urban Planning	Elective	Graduation Project Studio 1: Urban Planning		2	Department
15	ARC 4462	Advanced Topics in Urban Transportation	Elective	Graduation Project Studio 1: Urban Planning		2	Department
15	ARC 4463	Planning Decision-Making Systems	Elective	Graduation Project Studio 1: Urban Planning		2	Department

* Include additional levels if needed
** Add a table for each track (if any)

3. Course Specifications

Insert hyperlink for all course specifications using NCAAA template

Attached

4. Program learning Outcomes Mapping Matrix

Align the program learning outcomes with program courses, according to the following desired levels of performance.

Unified Courses PLOs

Code	Course Name	Level	year	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2
ARC 1001	Architectural Formation Principles Studio 1	Level 1	First Year	I							I		I	I
ARC 1302	Architectural Drawings and Presentation			I							I		I	
ARC 1309	Ancient civilizations and Medieval Architecture			I						I				I
MTH 1601	Mathematics for Architects						I	I					I	I
ELCN1301	English Language											I	I	I
ICC 1201	Islamic Culture 1								I				I	I
ARC 1002	Architectural Formation Principles Studio 2	Level 2		I				I			I		I	
ARC 1306	Architectural Models			I				I			I			I
ARC 1308	Design Process and Methods			I				I					I	
ARC 1303	Shade, Shadow and Perspective			I							I			I
ELCN1302	English Language											I	I	I
DS1101	Digital Technology			I								I		I
ARC 1003	Fundamental Design Principles Studio	Level 3		I				I			I		I	
ARC 1314	Buildings Design Standards 1			I						I			I	
ARC 140#	Elective Course 1			I							I	I	I	
PHY 1115	Physics for Architects						I	I					I	I
ELCN1303	English Language											I	I	I
QR 1101	The Holy Quran 1								I				I	I
ARC 1004	Architectural Design Studio 1: Small Scale Public Buildings	Level 4	Second Year	I				I			I		I	
ARC 1101	Building Construction Studio 1: Site Preparation				I			I			I			I
ARC 1203	Vector-based Drawing			I				I				I		I
ARC 1315	Introduction to Landscape Architecture			I				I		I				I
ARC 1310	Architecture of Islamic Civilization			I					I	I			I	
CE 1632	Surveying						I	I					I	I
ICC 2202	Islamic Culture 2								I				I	I
ARC 1005	Architectural Design Studio 2: Medium Scale Public Buildin	Level 5		I				I					I	
ARC 1102	Building Construction Studio 2: Components of Building Str				I			I			I		I	
ARC 1205	3D Modeling			I				I				I		I
ARC 1304	Local Architectural Heritage			I						I				I
ARC 1311	Renaissance and Pre-modern Architecture			I						I				I
ARC 1317	Environmental control Systems			I				I						I
CE 1450	Structure 1						I	I					I	I
ARC 1006	Architectural Design Studio 3: Vernacular Architecture	Level 6		I				I					I	
ARC 1103	Building Construction Studio 3: Components of Building Str				I			I			I		I	
ARC 1201	Creative Generative-Design			I				I				I		I
ARC 1307	Buildings' Technical Installations			I	I					I				I
ARC 1313	Principles of Urban Design			I						I			I	
ARC 141#	Elective Course 2			I					I	I			I	
QR 2102	The Holy Quran 2								I				I	I
ARC 1007	Architectural Design Studio 4: Conventional Structure Syste	Level 7	Third Year	I	I			I					I	I
ARC 1104	Building Construction Studio 4: Technical Drawings				I			I			I		I	
ARC 1312	Principles of Urban Planning			I						I			I	
ARC 1316	Structure Systems in Architecture				I			I		I			I	I
ARC 1109	Introduction to Urban Design Studio			I				I					I	
CE 2452	Structure 2						I	I					I	I
ARC 1008	Architectural Design Studio 5: Long Spans	Level 8		I	I			I					I	I
ARC 1105	Building Construction Studio 5: Finishes			I						I	I		I	
ARC 1305	Sustainable Architecture			I				I		I			I	
ARC 142#	Elective Course 3			I						I			I	
ARC 1110	Introduction to Urban Planning Studio			I						I				I
CE 2454	Structure 3						I	I					I	I
ARC 1500	Cooperative Training	9		I		I		I					I	I
ARC 1401	Digital Architectural Photography	Unified Electives		I							I	I	I	
ARC 1402	Arabic Calligraphy and Ornamentation			I							I	I	I	
ARC 1403	Graphic Design Principles			I							I	I	I	
ARC 1411	Vocabulary of Islamic Architecture			I					I	I			I	
ARC 1412	Contemporary Mosques Architecture			I					I	I			I	
ARC 1413	Architecture of the Two Holy Mosques			I					I	I			I	
ARC 1421	Introduction to Urban Spaces Analysis			I						I			I	
ARC 1422	Sustainable Landscape Architecture			I						I			I	
ARC 1423	Urban topics in Hajj and Umrah			I					I	I			I	

Architecture Courses PLOs

	Course Name	Level	year	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2
ARC 2009	Architectural Design Studio 6: Sustainable Buildings	Level 10	Fourth Year	I				I					I	I
ARC 2107	Execution Design Studio of Residential Buildings				I			I			I			I
ARC 2204	Environmental Simulation			I				I						I
ARC 2327	Twentieth century Architecture			I						I			I	I
ARC 2329	Buildings Design Standards 2			I						I			I	
ARC 2325	Interior Design			I				I					I	
QR 3103	The Holy Quran 3								I				I	I
ARC 2010	Architectural Design Studio 7: Mixed-Use Buildings	Level 11		P				P					P	
ARC 2108	Execution Design Studio of Public Buildings				P			P			P			P
ARC 2206	Digital Fabrication and Prototyping			P				P			P			P
ARC 2318	Creativity in Architecture			P				P		P			P	P
ARC 2320	Conservation of Architectural Heritage			P						P				P
ICC 3203	Islamic Culture 3								P				P	P
ARS 1500	Arabic Writing and Editing											P	P	P
ARC 2011	Architectural Design Studio 8: Conservation of Heritage Bui	Level 12		P				P						P
ARC 2106	Execution Design Studio of Blow-Ups Detailing				P			P			P			P
ARC 2322	Professional Practice for Architects					P		P						P
ARC 2323	Architecture of Mega Structures			P	P					P				P
ARC 2326	Applications of the Saudi Building Code in Architecture				P					P				P
ARC 240#	Elective Course 1: Architecture			P				P				P	P	P
0	Elective 1 (General Course)												P	P
ARC 2012	Architectural Design Studio 9: Professional Practice	Level 13		P		P		P						P
ARC 2324	Graduation Project Research: Architecture			P		P				P				P
ARC 2207	Computer-Based Architectural Project Management 1			P				P						P
ARC 2321	Smart Buildings			P				P		P				P
ARC 2319	Universal Design			P				P						P
ARC 2328	Biomimetic Architecture			P				P					P	
ICC 4204	Islamic Culture 4								P				P	P
ARC 3013	Graduation Project Studio 1: Architecture	Level 14		M				M					M	
ARC 3208	Computer-Based Architectural Project Management 2			M				M						M
ARC 3321	Human and Environment			M						M		M	M	
ARC 3322	Resilient design			M				M						M
QR 4104	The Holy Quran 4								M				M	M
0	Elective 2 (General Course)												M	M
ARC 3014	Graduation Project Studio 2: Architecture	Level 14		M				M						M
ARC 3320	Economics of Architectural Projects			M				M					M	
ARC 3323	Architecture of the Future			M				M		M			M	M
ARC 340#	Elective Course 2: Architecture			M						M			M	M
0	Elective 3 (General Course)												M	M
ARC 2401	Photorealistic Rendering Techniques	Architecture Track Electives		P				P				P	P	P
ARC 2402	Computer Modeling in Building Construction			P				P				P	P	P
ARC 2403	Computerized Applications of Crowd Studies in Architecture			P				P				P	P	P
ARC 3401	Human Factors in Architecture			M						M			M	M
ARC 3402	Architectural Criticism			M						M			M	M
ARC 3403	Selected Topics in Architecture			M						M			M	M

Urban Design Courses PLOs

	Course Name	Level	year	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2
ARC 3031	Urban Design Studio 1: Existing Areas Development	Level 10	Fourth Year	I				I						I
ARC 3131	Urban Spatial Analysis Studio			I				I		I			I	
ARC 3231	Urban Information Systems			I				I						I
ARC 3331	Urban Environmental Control			I				I						I
ARC 3332	Urban Morphology			I						I				I
ARC 3333	Housing			I						I				I
QR 3103	The Holy Quran 3								I				I	I
ARC 3032	Urban Design Studio 2: New Areas Development	Level 11		P				P					P	
ARC 3132	Urban Design Details Studio			P				P			P		P	
ARC 3232	Urban Virtual and Augmented Reality			P				P						P
ARC 3334	Advanced studies in Landscape Architecture			P	P					P				P
ARC 3335	Introduction to Sustainable Urban Design			P				P	P					P
ICC 3203	Islamic Culture 3								P				P	P
ARS 1500	Arabic Writing and Editing											P	P	P
ARC 3033	Urban Design Studio 3: Sustainability	Level 12		P				P						P
ARC 3133	Landscape Architecture Studio			P				P					P	
ARC 3336	Conservation of Heritage Sites			P						P				P
ARC 3337	Streets Planning and Design			P				P		P				P
ARC 3338	Humanizing the Cities			P						P				P
ARC 343#	Elective Course 1: Urban Design			P						P		P	P	P
0	Elective 1 (General Course)												P	P
ARC 3034	Urban Design Studio 4: Urban Heritage Conservation	Level 13		P		P		P						P
ARC 3339	Graduation Project Research: Urban Design			P		P				P				P
ARC 3340	Cities Centers			P						P			P	
ARC 3341	Urban Sociology			P						P			P	
ARC 3342	Principles of Urban Mobility			P						P			P	
ARC 3343	Public Transportation Planning and Management			P						P				P
ICC 4204	Islamic Culture 4								P				P	P
ARC 4035	Graduation Project Studio 1: Integrated Urban Design	Level 14	Fifth Year	M				M					M	
ARC 3344	Crowd Management			M				M		M				M
ARC 3345	Smart Urban Spaces			M	M					M			M	
ARC 3346	Urban Wayfinding			M				M					M	
QR 4104	The Holy Quran 4			M					M				M	M
0	Elective 2 (General Course)												M	M
ARC 4036	Graduation Project Studio 2: Integrated Urban Design	Level 15		M				M						M
ARC 4347	Professional Practice of Urban Design					M		M						M
ARC 4348	Future Urbanism			M						M				M
ARC 444#	Elective Course 2: Urban Design			M						M		M	M	M
0	Elective 3 (General Course)												M	M
ARC 3431	Temporary Urbanism	Urban Design Electives		P						P		P	P	P
ARC 3432	Project Management for Planners			P						P		P	P	P
ARC 3433	Terminals Planning and Design			P						P		P	P	P
ARC 4441	Fundamentals of Real Estate Development			M						M		M	M	M
ARC 4442	Ecotourism Planning			M						M		M	M	M
ARC 4443	Selected Topics in Urban Design			M						M		M	M	M

Urban Planning Courses PLOs

	Course Name	Lev	yea	K1	K2	K3	K4	S1	S2	S3	S4	S5	V1	V2
ARC 3051	Urban Planning Studio 1: Neighborhood	Level 10		I				I					I	
ARC 3151	Urban Spatial Analysis Studio.			I				I		I			I	
ARC 3251	Urban Information Systems.			I				I						I
ARC 3351	Urban Planning Theories			I				I						I
ARC 3352	Advanced studies in Landscape Architecture.			I	I					I				I
ARC 3353	Housing.			I						I				I
QR 3103	The Holy Quran 3								I				I	I
ARC 3052	Urban Planning Studio2: Residential District	Level 11	Fourth Year	P				P					P	
ARC 3152	Landscape Architecture Studio.			P				P					P	
ARC 3252	Advanced Urban Information Systems			P				P						P
ARC 3354	Urban Transportation Planning			P						P				P
ARC 3355	Urban Service Facilities			P						P				P
ICC 3203	Islamic Culture 3								P				P	P
ARS 1500	Arabic Writing and Editing											P	P	P
ARC 3053	Urban Planning Studio 3: New City	Level 12		P				P					P	
ARC 3153	Detailed Urban Planning Studio			P		P		P					P	
ARC 3253	Computer Applied Statistics			P				P		P				P
ARC 3356	Regional Planning			P						P				P
ARC 3357	Cities and Climate Change			P						P				P
ARC 345#	Elective Course 1: Urban Planning			P						P		P	P	P
0	Elective 1 (General Course)												P	P
ARC 3054	Urban Planning Studio 4: Regional Planning	Level 13		P				P		P			P	
ARC 3358	Graduation Project Research: Urban Planning			P		P				P				P
ARC 3359	Urban Governance			P		P				P				P
ARC 3360	Sustainable Cities			P				P						P
ARC 3361	Urban Infrastructure			P	P					P				P
ARC 3362	Public Transportation Planning and Management.			P						P				P
ICC 4204	Islamic Culture 4								P				P	P
ARC 4055	Graduation Project Studio 1: Urban Planning	Level 14	Fifth Year	M				M					M	
ARC 4363	Urban Economics			P				M					M	
ARC 4364	Urban Sociology and Population			P						M			M	
ARC 4365	Smart Cities			P	M			M						M
QR 4104	The Holy Quran 4								M				M	M
0	Elective 2 (General Course)			M									M	M
ARC 4056	Graduation Project Studio 2: Urban Planning	Level 15		M				M						M
ARC 4366	Multicriteria Assessment of Urban Development Projects			M						M				M
ARC 4367	Professional Practice of Planning					M		M						M
ARC 446#	Elective Course 2: Urban Planning			M						M		M	M	M
0	Elective 3 (General Course)												M	M
ARC 3451	Urban Indicators	Urban Planning Electives		P						P		P	P	P
ARC 3452	Technology and Desert Development			P						P		P	P	P
ARC 3453	Urban Development in Saudi Arabia			P						P		P	P	P
ARC 4461	Selected Topics in Urban Planning			M						M		M	M	M
ARC 4462	Advanced Topics in Urban Transportation			M						M		M	M	M
ARC 4463	Planning Decision-Making Systems			M						M		M	M	M

5. Teaching and learning strategies to achieve program learning outcomes

Describe policies, teaching and learning strategies, learning experience, and learning activities, including curricular and extra-curricular activities, to achieve the program learning outcomes.

Teaching strategies in program encourage and allow students to develop the skills and knowledge required for the self-directed learning. They achieve this through the suitable pedagogy adapted by all staff members:

- Self–Learning (Research work)
- Self–Learning (Homework)
- Interactive Learning (Dialogue & discussion)
- Interactive Learning (Brainstorming)
- Indirect Learning (Problems solving)
- Experiential Learning (Scientific Trips)
- Experiential Learning (Practical Training)
- Cooperative Learning (Teamwork)
- Direct Learning (Lecture)

6. Assessment Methods for program learning outcomes.

Describe assessment methods (Direct and Indirect) that can be used to measure achievement of program learning outcomes in every domain of learning.

Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct* (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct* (Results analysis)

*** (Direst Assessment):**

- Drawing Exam
- Oral Exam
- Written Exam
- Written & Drawing Exam
- Multiple-choice Exam
- Computer-based Exam
- Eval. of Report
- Eval. of Research Paper
- Eval. of Project(s)
- Eval. of Presentation
- Assignments & Tasks
- Teamwork Tasks
- Direct Observation

D. Student Admission and Support:

1. Student Admission Requirements

Admission Requirements in the Department of Islamic Architecture Student must pass a department test that measures his drawing skills. The number of students in each track is determined by the department depending on certain criteria. These criteria are GPA and the grade in the reference courses. The reference course of Architecture Track is "Architectural Design Studio 5: Long Spans". The reference course of Urban Design Track is "Introduction to Urban Design Studio". The reference course of Urban Planning Track is "Introduction to Urban Planning Studio".

In addition to above mentioned, the Department of Islamic Architecture handles the following tasks:

- Supervising of students' registration.
- Providing academic counseling for students.
- Assigning an academic advisor for a group of 30 students. At the beginning of the semester, a time schedule for weekly meeting of an hour is also assigned.
- Weekly office hours for each faculty member are also assigned, within which academic counseling could be provided and the rest are for academic support for students
- Encourage students for communicating with faculty members through meeting or other communication types.
- Using all official electronic communication methods between students and faculty members.

Reference: https://drive.uqu.edu.sa/_/luc/files/New43DQ2.pdf

2. Guidance and Orientation Programs for New Students

Academic advisors provide detailed guidance for new students to ensure their full understanding of the different resources and facilities. This is achieved by department organization of seminars, lectures, meetings, scout tours, field visits, etc.

Reference: https://uqu.edu.sa/dadregis/5204

3. Student Counseling Services

(academic, career, psychological and social)

Describe arrangements for academic counseling and advising for students, including both scheduling of faculty office hours and advising on program planning, subject selection and career planning (which might be available at college level).

Reference: https://uqu.edu.sa/en/studaff

4. Special Support

(low achievers, disabled, gifted and talented)

The program offers responsive environment to the needs of students with physical disability, and assistance to students is offered when needed and according to the university regulations for "students with special needs". The university provides all the requirements of disabled students (elevators, car parking, ramps, etc.). On the other hand, the program encourages the talented students to participate in internal and external activities.

Reference: https://uqu.edu.sa/en/studaff

E. Teaching and Administrative Staff

1. Needed Teaching and Administrative Staff

Academic Rank	Specialty		Special Requirements / Skills (if any)	Required Numbers		
	General	Specific		M	F	T
Professors	11	-	-	11	-	11
Associate Professors	8	-	-	8	-	8
Assistant Professors	18	-	-	18	-	18
Lecturers	1	-	-	1	-	1
Teaching Assistants	3	-	-	3	-	3
Technicians and Laboratory Assistants	3	-	-	3	-	3
Administrative and Supportive Staff	3	-	-	3	-	3
Others (specify)	None	None	-	-	-	-

2. Professional Development

2.1 Orientation of New Teaching Staff

Describe briefly the process used for orientation of new, visiting and part-time teaching staff

In addition to UQU regulations and rules, the Department of Islamic Architecture has the following procedure:

- Specifying the required staff members specializations.
- Collecting CVs of candidates.
- Forming a committee for evaluating and interviewing candidates and recruiting applicable new staff members.

The process of orientation and induction of new, visiting or part time teaching staff:

- Introducing them with the department and description of their courses.
- Introducing them with the internal bi-laws of the university and the Higher Education regulations and rules.
- Encourage them attend the introduction workshops held by the college.

2.2 Professional Development for Teaching Staff

Describe briefly the plan and arrangements for academic and professional development of teaching staff (e.g., teaching & learning strategies, learning outcomes assessment, professional development, etc.)

Arrangements made for professional development of faculty members:

a. Improvement of teaching skills and student assessment

- Encourage staff members to attend conferences, seminars and workshops.
- Arrange symposiums and seminars by the department.
- Encourage staff members to publish their scientific research.

b. Other professional development including knowledge of research and developments in their field of teaching specialty

- Arrange symposiums and seminars by the department
- Invite specialists and highly qualified staff to deliver lectures in the department

F. Learning Resources, Facilities, and Equipment

1. Learning Resources.

Mechanism for providing and quality assurance of learning resources (textbooks, references and other resource materials, including electronic and web-based resources, etc.)

1. Processes followed by faculty members for planning and learning resources for library, laboratories, and classrooms

- Forming a committee for Scientific Research to perform the following tasks:
- Monitoring department labs.
- Providing proposals for labs full development.
- Defining needs of labs technicians and instrument operators.
- Monitoring efficiency of computer labs and department copiers and printers.

2. Processes followed by faculty members for evaluating the adequacy of textbooks, reference and other education resources

- Forming Scientific Research committee to perform the following tasks:
- Periodical evaluation and review textbooks to define their adequacy and suitability.
- Study department needs of technicians and equipment.
- Follow-up the impact of these books, periodicals and references on students.

3. Processes followed by students for evaluating the adequacy of textbooks, reference and other resource provisions

- Continuous evaluation of textbooks, references and learning resources suitability via questionnaires.

4. Processes followed for textbook acquisition and approval

- Staff members specify a list of the textbooks and references.
- Contact the Central Library to provide these books and references for students.
- Obtaining Membership in the university database.
- Contact private bookshops and publishing houses to provide these references and books.

2. Facilities and Equipment
(Library, laboratories, medical facilities, classrooms, etc.).

Forming a committee for scientific research:

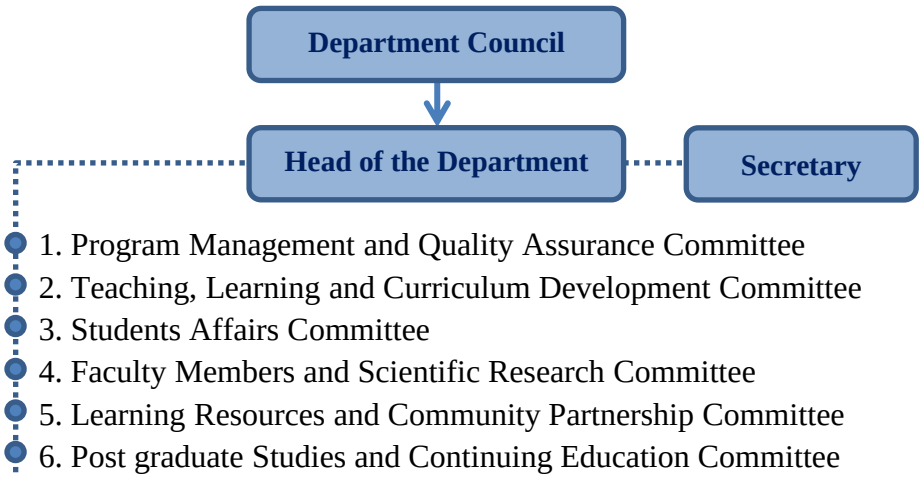
- Periodical review of course syllabuses and references and electronic resources.
- Staff members specify an adapted list of textbooks and references.
- Contact the Central Library to provide these books and references for students.
- Conducting membership at the university database.
- Conducting periodical review and questionnaires for students and staff on the suitability of books and references used

3. Arrangements to Maintain a Healthy and Safe Environment (According to the nature of the program)

The Program is committed to apply safety standards in laboratories, classrooms, offices and corridors, where all safety devices and safety posters are required for them, such as guidelines and lighted stickers.
The Safety Unit in the University provides security and safety systems to secure the facilities; Cameras are available in the facilities for 24 hours. A fire evacuation policy and fire drills are practiced in all places. First aid is available in all faculties. The College has emergency plans, safety signs, emergency exit signs and laboratory safety posters. All classrooms and laboratory rooms are of sufficient size and it has enough ventilation holes.

G. Program Management and Regulations

1. Program Management
1.1 Program Structure
(including boards, councils, units, committees, etc.)



The program is governed by specialized councils (College Council, Department Council) with defined tasks and authorities. The program leadership has the appropriate academic and administrative experience to achieve its mission and goals. The program has the sufficient number of qualified staff to perform its administrative, professional and technical tasks, and they have defined tasks and authorities. The program is committed to applying

the institutional regulations governing the educational and research partnerships (if any) in order to ensure the quality of all aspects of the program, including courses, educational resources, teaching, student achievement standards, and offered services. The program management is committed to activating the values of the scientific integrity, intellectual property rights, rules of ethical practices, and proper conduct in all academic, research, administrative, and service fields and activities.

1.2 Stakeholders Involvement

Describe the representation and involvement of stakeholders in the program planning and development. (students, professional bodies, scientific societies, alumni, employers, etc.)

During the preparation stage of this program, various stakeholders including students, faculty, alumni, employers (Architectural, urban design and urban planning firms, some relevant government and private-sector institutions, etc.,) have been involved via surveys, questionnaires, interviews, etc., to collect and analyze their needs, opinions, complaints and all other relevant information about the program.

The program will form an advisory committee, comprised of members of professionals and experts in the program specialization, to contribute to its evaluation, development, and performance improvement. The program management is committed to developing and improving professional skills and capabilities of the supportive technical and administrative staff to keep up with modern developments.

2. Program Regulations

Provide a list of related program regulations, including their link to online version: admission, study and exams, recruitment, appeals and complaint regulations, etc.)

https://uqu.edu.sa/en/isarch.dep

H. Program Quality Assurance

1. Program Quality Assurance System

Provide online link to quality assurance manual

a. **Methods of involvement and consultancy of faculty members in the process of monitoring program quality, annual review and planning for improvement**

The Department established a Quality Committee (QC) in order to improve the educational process in general, and to continue receiving national and international accreditations in particular. To achieve this task, the QC has a well-defined structure consisting of four different well-defined tasks which are briefly presented below.
The Strategic Planning group is responsible to monitor the strategic plan of the program.
The Workshops/Seminars group is responsible to cultivate the culture of quality among the students and the faculty staff members via conducting workshops and seminars in topics related to the quality assurance.

The Accreditation group is responsible to prepare the various surveys, annual program report, and other documents needed by the national and the international accreditation commissions. The Accreditation Committee is also responsible for formulating and updating the Program Educational Outcomes (PEOs), the Student Learning Outcomes (SLOs), and the Key Performance Indicators (KPIs) of the program.
The Statistical group is responsible for analyzing the surveys collected from the

stakeholders, and analyzing the results presented in all the course reports to assess the program achievements in various student learning outcomes. The Statistical Committee is also responsible for performing various statistical analysis needed by the Accreditation Committee to prepare the annual program report.

b. QA processes to evaluate and improve the strategies for developing learning outcomes and faculty staff capabilities of using different strategies:

- Course evaluation questionnaires.
- Students' questionnaires for evaluating staff members.
- Department internal workshops.

c. Processes for evaluating the faculty members skills of implementing teaching strategies:

- Student questionnaires for staff members evaluation.
- Self –evaluation conducted by the head of deportment and the dean of the college.

Overall Program Evaluation

Strategies for obtaining assessments of the overall quality of the program and achievement of its intended learning outcomes:

- The college already has prepared its strategic plan. The Quality and Development Committee of the college will define plans for assessing and planning for improving the program.

(i) By current students and graduates of the program
- Conduct questionnaires for students and graduates.

(ii) By independent advisors and/or evaluator(s)
- Ask the consultants of the Quality and Accreditation Deanship to evaluate the program.

(iii) From employers, Advisory Committee, and/or other stakeholders.
- Conduct a Questionnaire via a sample of concerned and interested people in the fields of architecture, urban design and planning to evaluate the program.

2. Program Quality Monitoring Procedures

Methods of involvement and consultancy of faculty members in the process of monitoring program quality, annual review and planning for improvement:

The department is committed to submitting quality files by NCAAA to the Deanship of Development and Quality. The quality and professional development unit is responsible for assuring that the department meets quality requirements. As part of the collective responsibility of the faculty members is to complete course specifications, course reports, course portfolios documents and send them to the Deanship of Development and Quality. This part is essential for providing information for the Deanship and the department on the performance of student, teachers, and the program. Course reports are completed by individual faculty members in consultations with Academic Board and Quality and Development Unit. The Deanship of Development and Quality supplied faculty members

with course evaluation surveys and student surveys of lecturing skills on which students grade the performance of their teachers each semester for the courses they taught. The results of these surveys help the teachers to reveal their strengths and weakness and find ways of improving their performance. A program annual report is prepared at the end of each after considerations of course reports and other information about the delivery of the program. This report describes how what happen in the program compared with what was intended to happen and indicate any changes that should be made for future delivery as a result of one-year experience of functioning.

3. Arrangements to Monitor Quality of Courses Taught by other Departments.

Plan: The department for which the course or courses are offered share the course objectives to the serving department, based on which the Course Specifications are prepared including Course Learning Outcomes (CLOs), course contents, teaching strategies and assessment methods.

Implement: The course specification approved by the department should be used, based on which the course syllabi are prepared. The CLOs, course contents, tutorials, laboratory exercises, textbooks, number of assessments and their weightage should be the same in the course syllabi for multi-sections.

Monitor: The quality of course delivery is monitored only by the serving department.

Review: Every course instructor is required to prepare a course report for his/her section. The course coordinator prepares a combined course report based on all the course-section reports. The final improvement action plan should be agreed by all the course instructors teaching the course.

The serving department is required to share the combined course report with all the departments whose students enroll for the course as the core requirement for the program. They can provide suggestions for updating the course content, teaching strategies or assessment methods.

Update: The serving department considers the requests if feasible and updates the course specification based on the recommendations from the course report or the department.

4. Arrangements Used to Ensure the Consistency between Main Campus and Branches (including male and female sections)

Not applicable.

5. Arrangements to Apply the Institutional Regulations Governing the Educational and Research Partnerships (if any).

Not applicable.

6. Assessment Plan for Program Learning Outcomes (PLOs), and Mechanisms of Using its Results in the Development Processes

The program will conduct annual evaluation of all aspects related to the educational process in all tracks. A comprehensive periodic evaluation (every five years) will be conducted for PLOs Assessment (Next Table).

Code	PLOs	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Sixth Year	Seventh Year
K1	Demonstrate a comprehensive understanding of the built environment.	Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion			Data Collection	Data Analysis and eval., & improvement suggestion
K2	Demonstrate an in-depth understanding of systems, technologies, and assemblies of construction process.	Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion				Data Collection
K3	Demonstrate an in-depth understanding of professional ethics, regulatory, and responsibilities of architects.		Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion			
K4	Explain concepts of mathematics and scientific theories relevant to architecture.		Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion			
	Skills							
S1	Make decisions for complex design problems in creative and scientific manners.			Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion		
S2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales.			Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion		
S3	Apply scientific research for complex issues of the built environment.				Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion	
S4	Execute drawings, craftworks and physical models efficiently.				Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion	Improvement implementa-tion
S5	Communicate in oral & written forms; & use mathematics & information technology to process & analyze data.					Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion
	Values							
V1	Demonstrate self-discipline, punctuality and commitment to all required tasks.					Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion
V2	Demonstrate personal, professional and social responsibility.					Data Collection	Data Analysis and eval., & improvement suggestion	Improvement implementa-tion

Assessment Plan for Program Learning Outcomes (PLOs)

7. Program Evaluation Matrix

Evaluation Areas/Aspects	Evaluation Sources/References	Evaluation Methods	Evaluation Time
Program Learning Outcomes Achievement	Students	Course Exit Survey Program Exit Survey	At the end of each semester At the end of the 5th year starting from 2026/2027
Teaching Effectiveness	Students	Surveys	At the end of each semester
Assessment	Students	Surveys	At the end of each semester
	Faculty	Review of students results	At the end of each semester
Learning Resources	Students, faculty	Surveys	At the end of each semester

Evaluation Areas/Aspects (e.g., leadership, effectiveness of teaching & assessment, learning resources, partnerships, etc.)
Evaluation Sources (students, graduates, alumni, faculty, program leaders, administrative staff, employers, independent reviewers, and others (specify)
Evaluation Methods (e.g., Surveys, interviews, visits, etc.)
Evaluation Time (e.g., beginning of semesters, end of academic year, etc.)

8. Program KPIs*

The period to achieve the target (5) year (starting from the academic year 2022/2023).

No	KPIs Code	KPIs	Target	Measurement Methods	Measurement Time
1	KPI-P-01	Percentage of achieved indicators of the program operational plan objectives	80%	- Statistical analysis such as (No. of training courses, Committees, Decisions, etc.) - Surveys	At the end of each year starting from 2026/2027
2	KPI-P-02	Students' Evaluation of quality of learning experience in the program	80%	Surveys Exit Exam	At the end of the 5th year starting from 2026/2027
3	KPI-P-03	Students' evaluation of the quality of the courses	70%	Surveys	At the end of each semester
4	KPI-P-04	Completion rate	75%	Student affair results	At the end of each semester
5	KPI-P-05	First-year students retention rate	85%	Final exam evaluation report	At the end of each year
6	KPI-P-06	Students' performance in the professional and/or national examinations	70%	Alumni survey	At the beginning of each year starting from 2027/2028
7	KPI-P-07	Graduates' employability and enrolment in postgraduate programs	70%	Alumni survey	At the beginning of each year starting from 2027/2028
8	KPI-P-08	Average number of students in the class	20	Student affair report	At the beginning of each semester
9	KPI-P-09	Employers' evaluation of the program graduates proficiency	80%	Employers Survey	At the end of each year
10	KPI-P-10	Students' satisfaction with the offered services	80%	Surveys	At the end of each semester
11	KPI-P-11	Ratio of students to teaching staff	1:15	Statistical analysis	Statistics are made every academic year
12	KPI-P-12	Percentage of teaching staff distribution	Full Professor: 30% Associate Prof: 20% Assistant Prof: 45% Lecturer: 5%	Statistical analysis	Statistics are made every academic year
13	KPI-P-13	Proportion of teaching staff leaving the program	0%	Statistical analysis	Statistics are made every academic year
14	KPI-P-14	Percentage of publications of faculty members	100%	Statistical analysis	Statistics are made every academic year
15	KPI-P-15	Rate of published research per faculty member	1-2 papers per	Statistical analysis	Statistics are made every academic year

No	KPIs Code	KPIs	Target	Measurement Methods	Measurement Time
			faculty member		
16	KPI-P-16	Citations rate in refereed journals per faculty member	1-2 citations per faculty member	Statistical analysis	Statistics are made every academic year
17	KPI-P-17	Satisfaction of beneficiaries with the learning resources	70-80%	Surveys	End of the semester

* including KPIs required by NCAAA

I. Specification Approval Data

Council / Committee	**Department of Islamic Architecture Council**
Reference No.	**16/1443**
Date	**2/11/1443**



برنامج العمـــــارة والتخطيـــــط

مسار العمارة

جامعة أم القرى UMM AL-QURA UNIVERSITY

ASIIN Accredited Degree Programme 2018-2024

رؤية 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

السنة الأولى

	الفصل الدراسي الثالث	الفصل الدراسي الثاني	الفصل الدراسي الأول
	استوديو مبادئ التصميم الأساسية ARC 1003 (5 حضوري)	استوديو مبادئ التشكيل المعماري (2) ARC 1002 (5 حضوري)	استوديو مبادئ التشكيل المعماري (1) ARC 1001 (5 حضوري)
	معايير تصميم المباني (1) ARC 1314 (3 حضوري)	المجسمات المعمارية ARC 1306 (3 حضوري)	الرسم والإظهار المعماري ARC 1302 (3 حضوري)
	مقرر اختياري (1) #ARC 140 (2 عربي)	طرق وعمليات التصميم ARC 1308 (2 حضوري)	عمارة الحضارات القديمة والعصور الوسطى ARC 1309 (2 حضوري)
	الفيزياء للمعماريين PHY 1115 (2 حضوري)	الظل والمنظور ARC 1303 (2 حضوري)	الرياضيات للمعماريين MTH 1601 (2 حضوري)
	لغة انجليزية (3) ELCN1303 (4 عربي)	لغة انجليزية (2) ELCN1302 (4 عربي)	لغة انجليزية (1) ELCN1301 (4 عربي)
	القرآن الكريم (1) QR 1101 (2 عربي)	تقنية رقمية DS1101 (2 عربي)	الثقافة الإسلامية (1) ICC 1201 (2 عربي)
18	18	18	18

السنة الثانية

	الفصل الدراسي الثالث	الفصل الدراسي الثاني	الفصل الدراسي الأول
	استوديو تصميم معماري (3): العمارة المحلية ARC 1006 (5 حضوري)	استوديو تصميم معماري (2): مباني عامة متوسطة ARC 1005 (5 حضوري)	استوديو تصميم معماري (1): مباني عامة صغيرة ARC 1004 (5 حضوري)
	استوديو بناء وتشييد (3): عناصر الإنشاء ARC 1103 (3 حضوري)	استوديو بناء وتشييد (2): عناصر الإنشاء ARC 1102 (3 حضوري)	استوديو بناء وتشييد (1): تجهيز موقع البناء ARC 1101 (3 حضوري)
	التصميم الإبداعي باستخدام الحاسب الآلي ARC 1201 (2 حضوري)	النمذجة للآلية الأبعاد بالحاسب الآلي ARC 1205 (2 حضوري)	الرسم ثنائي الأبعاد بالحاسب الآلي ARC 1203 (2 حضوري)
	تجهيزات فنية للمباني ARC 1307 (2 حضوري)	العمارة التراثية المحلية ARC 1304 (2 حضوري)	مقدمة في تنسيق المواقع ARC 1315 (2 حضوري)
	مبادئ التصميم الحضري ARC 1313 (2 حضوري)	عمارة عصر النهضة وما قبل الحداثة ARC 1311 (2 حضوري)	عمارة الحضارة الإسلامية ARC 1310 (2 حضوري)
	مقرر اختياري (2) #ARC 141 (2 عربي)	نظم التحكم البيئي ARC 1317 (2 حضوري)	المساحة CE 1632 (2 حضوري)
	القرآن الكريم (2) QR 2102 (2 عربي)	المنشآت (1) CE 1450 (2 حضوري)	الثقافة الإسلامية (2) ICC 2202 (2 عربي)
18	18	18	18

السنة الثالثة

	الفصل الدراسي الثالث	الفصل الدراسي الثاني	الفصل الدراسي الأول
	تدريب تعاوني ARC 1500 (8 حضوري)	استوديو تصميم معماري (5): البحور الواسعة ARC 1008 (5 حضوري)	استوديو تصميم معماري (4): نظم الانشاء التقليدية ARC 1007 (5 حضوري)
	استوديو مقدمة في التخطيط العمراني ARC 1110 (4 حضوري)	مقرر اختياري (3) #ARC 142 (2 عربي)	استوديو بناء وتشييد (5): التشطيبات ARC 1105 (3 حضوري)
	استوديو مقدمة في التصميم الحضري ARC 1109 (4 حضوري)	نظم الانشاء في العمارة ARC 1316 (2 حضوري)	مبادئ التخطيط العمراني ARC 1312 (2 حضوري)
			استوديو بناء وتشييد (4): التجهيزات الفنية ARC 1104 (3 حضوري)
			المنشآت (2) CE 2452 (2 حضوري)
			المنشآت (3) CE 2454 (2 حضوري)
8			18

مقررات مسار العمارة

السنة الرابعة

	الفصل الدراسي الثالث	الفصل الدراسي الثاني	الفصل الدراسي الأول
	استوديو تصميم معماري (8): الحفاظ على المباني التراثية ARC 2011 (5 حضوري)	استوديو تصميم معماري (7): المباني متعددة الوظائف ARC 2010 (5 حضوري)	استوديو تصميم معماري (6): المباني المستدامة ARC 2009 (5 حضوري)
	استوديو تصميمات تنفيذية للتفاصيل الخاصة ARC 2106 (3 حضوري)	استوديو تصميمات تنفيذية للمباني العامة ARC 2108 (3 حضوري)	استوديو تصميمات تنفيذية للمباني السكنية ARC 2107 (3 حضوري)
	الممارسة المهنية للمعماريين ARC 2322 (2 حضوري)	النمذجة والتصنيع بالحاسب الآلي ARC 2206 (2 حضوري)	المحاكاة البيئية بالحاسب الآلي ARC 2204 (2 حضوري)
	عمارة المنشآت العملاقة ARC 2323 (2 حضوري)	الإبداع في العمارة ARC 2318 (2 حضوري)	عمارة القرن العشرين ARC 2327 (2 حضوري)
	تطبيقات كود البناء السعودي في العمارة ARC 2326 (2 حضوري)	الحفاظ على التراث المعماري ARC 2320 (2 حضوري)	معايير تصميم المباني (2) ARC 2329 (2 حضوري)
	مقرر اختياري (1): العمارة #ARC 240 (2 عربي)	الثقافة الإسلامية (3) ICC 3203 (2 عربي)	تصميم فراغات داخلية ARC 2325 (2 حضوري)
	اختياري (1) (مقررات عامة) (2 حضوري)	الكتابة والتحرير العربي ARS 1500 (2 عربي)	القرآن الكريم (3) QR 3103 (2 عربي)
18	18	18	18

السنة الخامسة

	الفصل الدراسي الثالث	الفصل الدراسي الثاني	الفصل الدراسي الأول
	استوديو مشروع التخرج (2): العمارة ARC 3014 (7 حضوري)	استوديو مشروع التخرج (1): العمارة ARC 3013 (7 حضوري)	استوديو تصميم معماري (9): ممارسة المهنة ARC 2012 (5 حضوري)
	اقتصاديات المشروعات المعمارية ARC 3320 (2 حضوري)	إدارة المشروعات المعمارية بالحاسب الآلي (2) ARC 3208 (2 حضوري)	بحث مشروع التخرج العمارة ARC 2324 (2 حضوري)
	عمارة المستقبل ARC 3323 (2 حضوري)	الانسان والبيئة ARC 3321 (2 حضوري)	إدارة المشروعات المعمارية بالحاسب الآلي (1) ARC 2207 (2 حضوري)
	مقرر اختياري (2): العمارة #ARC 340 (2 عربي)	التصميم المرن ARC 3322 (2 حضوري)	المباني الذكية ARC 2321 (2 حضوري)
	اختياري (3) (مقررات عامة) (2 حضوري)	القرآن الكريم (4) QR 4104 (2 حضوري)	التصميم الشامل ARC 2319 (2 حضوري)
		اختياري (2) (مقررات عامة) (2 عربي)	عمارة المحاكاة الحيوية ARC 2328 (2 حضوري)
			الثقافة الإسلامية (4) ICC 4204 (2 عربي)
15	17	17	17

المقررات الاختيارية التخصصية

عمارة 1
- التصوير المعماري الرقمي
- مفردات العمارة الاسلامية
- مقدمة في تحليل القراءات الحضرية
- تقنيات الاظهار الواقعية بالحاسب الآلي

عمارة 2
- العوامل الإنسانية في العمارة
- الخط العربي والزخرفة
- عمارة المساجد المعاصرة
- تنسيق المواقع المستدام
- النمذجة الحاسوبية في البناء والتشييد
- النقد المعماري
- مبادئ التصميم الجرافيكي
- عمارة المسجد الحرام والمسجد النبوي
- موضوعات عمرانية في الحج والعمرة
- تطبيقات الحاسب الآلي لدراسات الحشود في العمارة
- موضوعات مختارة في العمارة

المقررات الاختيارية العامة

- تقنية متخصصة
- الصحة والتغذية
- ريادة الأعمال
- بيئة العمل
- الضيافة
- بحث و ابتكار

إجمالي ساعات البرنامج: 255

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برنامج العمـــــارة والتخطيـــــط

مسار التصميم الحضري

جامعة أم القرى UMM AL-QURA UNIVERSITY

ASIIN Accredited Degree Programme 2018-2024

رؤية 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

السنة الأولى

الفصل الدراسي الأول	5	استوديو مبادئ التشكيل المعماري (1) ARC 1001	3	الرسم والإظهار المعماري ARC 1302	2	عمارة الحضارات القديمة والعصور الوسطى ARC 1309	2	الرياضيات للمعماريين MTH 1601	4	لغة انجليزية (1) ELCN1301	2	الثقافة الإسلامية (1) ICC 1201	18
الفصل الدراسي الثاني	5	استوديو مبادئ التشكيل المعماري (2) ARC 1002	3	المجسمات المعمارية ARC 1306	2	طرق وعمليات التصميم ARC 1308	2	الظل والمنظور ARC 1303	4	لغة انجليزية (2) ELCN1302	2	تقنية رقمية DS1101	18
الفصل الدراسي الثالث	5	استوديو مبادئ التصميم الأساسية ARC 1003	3	معايير تصميم المباني (I) ARC 1314	2	مقرر اختياري (I) ARC 140#	2	الفيزياء للمعماريين PHY 1115	4	لغة انجليزية (3) ELCN1303	2	القرآن الكريم (1) QR 1101	18

السنة الثانية

الفصل الدراسي الأول	5	استوديو تصميم معماري (1): مباني عامة صغيرة ARC 1004	3	استوديو بناء وتشييد (1): تجهيز موقع البناء ARC 1101	2	الرسم ثنائي الأبعاد بالحاسب الآلي ARC 1203	2	مقدمة في تنسيق المواقع ARC 1315	2	عمارة الحضارة الإسلامية ARC 1310	2	المساحة CE 1632	2	الثقافة الإسلامية (2) ICC 2202	18
الفصل الدراسي الثاني	5	استوديو تصميم معماري (2): مباني عامة متوسطة ARC 1005	3	استوديو بناء وتشييد (2): عناصر الإنشاء ARC 1102	2	النمذجة ثلاثية الأبعاد بالحاسب الآلي ARC 1205	2	العمارة التراثية المحلية ARC 1304	2	عمارة عصر النهضة وما قبل الحداثة ARC 1311	2	نظم التحكم البيئي ARC 1317	2	المنشآت (1) CE 1450	18
الفصل الدراسي الثالث	5	استوديو تصميم معماري (3): العمارة المحلية ARC 1006	3	استوديو بناء وتشييد (3): عناصر الإنشاء ARC 1103	2	التصميم الإبداعي باستخدام الحاسب الآلي ARC 1201	2	تجهيزات فنية للمباني ARC 1307	2	مبادئ التصميم الحضري ARC 1313	2	مقرر اختياري (2) ARC 141#	2	القرآن الكريم (2) QR 2102	18

السنة الثالثة

الفصل الدراسي الأول	5	استوديو تصميم معماري (4): نظم الانشاء التقليدية ARC 1007	3	استوديو بناء وتشييد (4): التجهيزات الفنية ARC 1104	2	مبادئ التخطيط العمراني ARC 1312	2	نظم الانشاء في العمارة ARC 1316	4	استوديو مقدمة في التصميم الحضري ARC 1109			2	المنشآت (2) CE 2452	18
الفصل الدراسي الثاني	5	استوديو تصميم معماري (5): البحور الواسعة ARC 1008	3	استوديو بناء وتشييد (5): التشطيبات ARC 1105	2	العمارة المستدامة ARC 1305	2	مقرر اختياري (3) ARC 142#	4	استوديو مقدمة في التخطيط العمراني ARC 1110			2	المنشآت (3) CE 2454	18
الفصل الدراسي الثالث	8	تدريب تعاوني ARC 1500													8

مقررات مسار التصميم الحضري

السنة الرابعة

الفصل الدراسي الأول	5	استوديو تصميم حضري (1): تطوير مناطق قائمة ARC 3031	3	استوديو تحليل الفراغات الحضرية ARC 3131	2	نظم المعلومات الحضريه بالحاسب الآلي ARC 3231	2	التحكم البيئي الحضري ARC 3331	2	التشكيل الحضري ARC 3332	2	الإسكان ARC 3333	2	القرآن الكريم (3) QR 3103	18
الفصل الدراسي الثاني	5	استوديو تصميم حضري (2): تصميم مناطق جديدة ARC 3032	3	استوديو تفاصيل التصميم الحضري ARC 3132	2	الواقع الافتراضي والمعزز الحضري بالحاسب الآلي ARC 3232	2	دراسات متقدمة في تنسيق المواقع ARC 3334	2	مقدمة في التصميم الحضري المستدام ARC 3335	2	الثقافة الإسلامية (3) ICC 3203	2	الكتابة والتحرير العربي ARS 1500	18
الفصل الدراسي الثالث	5	استوديو تصميم حضري (3): الاستدامة ARC 3033	3	استوديو تنسيق المواقع ARC 3133	2	الحفاظ على المواقع التراثية ARC 3336	2	تخطيط وتصميم الطرق ARC 3337	2	أنسنة المدن ARC 3338	2	مقرر اختياري (I): التصميم الحضري ARC 343#	2	اختياري (I) (مقررات عامة)	18

السنة الخامسة

الفصل الدراسي الأول	5	استوديو تصميم حضري (4): الحفاظ على المواقع التراثية ARC 3034	2	بحث مشروع التخرج التصميم الحضري ARC 3339	2	مراكز المدن ARC 3340	2	علم الاجتماع الحضري ARC 3341	2	مبادئ التنقل الحضري ARC 3342	2	تخطيط وإدارة النقل العام ARC 3343	2	الثقافة الإسلامية (4) ICC 4204	17
الفصل الدراسي الثاني	7	استوديو مشروع التخرج (1): التصميم الحضري المتكامل ARC 4035	2	إدارة الحشود ARC 3344	2	الفراغات الحضرية الذكية ARC 3345	2	الاستدلال المكاني ARC 3346	2	القرآن الكريم (4) QR 4104	2	اختياري (2) (مقررات عامة)			17
الفصل الدراسي الثالث	7	استوديو مشروع التخرج (2): التصميم الحضري المتكامل ARC 4036	2	الممارسة المهنية للتصميم الحضري ARC 4347	2	العمران المستقبلي ARC 4348	2	مقرر اختياري (2): التصميم الحضري ARC 444#	2	اختياري (3) (مقررات عامة)					15

المقررات الاختيارية التخصصية

تصميم حضري 1
- التصوير المعماري الرقمي
- مفردات العمارة الاسلامية
- مقدمة في تحليل الفراغات الحضرية
- العمران المؤقت

تصميم حضري 2
- مبادئ التطوير العقاري
- الخط العربي والزخرفة
- عمارة المساجد المعاصرة
- تنسيق المواقع المستدام
- إدارة المشروعات للمخططين
- تخطيط السياحة البيئية
- مبادئ التصميم الجرافيكي
- عمارة المسجد الحرام والمسجد النبوي
- موضوعات عمرانية في الحج والعمرة
- تخطيط وتصميم المحطات النقالية
- موضوعات مختارة في التصميم الحضري

المقررات الاختيارية العامة

- تقنية متخصصة
- الصحة والتغذية
- ريادة الأعمال
- بيئة العمل
- الضيافة
- بحث و ابتكار

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برنامج العمـــــارة والتخطيـــــط

مسار التخطيط العمراني

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ASIIN Accredited Degree Programme 2018-2024

رؤية 2030 VISION 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA

السنة الأولى

الفصل الدراسي الأول	استوديو مبادئ التشكيل المعماري (1) ARC 1001	5 حضوري	الرسم والإظهار المعماري ARC 1302	3 حضوري	عمارة الحضارات القديمة والعصور الوسطى ARC 1309	2 حضوري	الرياضيات للمعماريين MTH 1601	2 حضوري	لغة انجليزية (1) ELCN1301	4 حضوري	الثقافة الإسلامية (1) ICC 1201	2 حضوري	18
الفصل الدراسي الثاني	استوديو مبادئ التشكيل المعماري (2) ARC 1002	5 حضوري	المجسمات المعمارية ARC 1306	3 حضوري	طرق وعمليات التصميم ARC 1308	2 حضوري	الظل والمنظور ARC 1303	2 حضوري	لغة انجليزية (2) ELCN1302	4 حضوري	تقنية رقمية DS1101	2 حضوري	18
الفصل الدراسي الثالث	استوديو مبادئ التصميم الأساسية ARC 1003	5 حضوري	معايير تصميم المباني (1) ARC 1314	3 حضوري	مقرر اختياري (1) ARC 140#	2 حضوري	الفيزياء للمعماريين PHY 1115	2 حضوري	لغة انجليزية (3) ELCN1303	4 حضوري	القرآن الكريم (1) QR 1101	2 حضوري	18

السنة الثانية

الفصل الدراسي الأول	استوديو تصميم معماري (1): مباني عامة صغيرة ARC 1004	5 حضوري	استوديو بناء وتشييد (1): تجهيز موقع البناء ARC 1101	3 حضوري	الرسم ثنائي الأبعاد بالحاسب الآلي ARC 1203	2 حضوري	مقدمة في تنسيق المواقع ARC 1315	2 حضوري	عمارة الحضارة الإسلامية ARC 1310	2 حضوري	المساحة CE 1632	2 حضوري	18
الفصل الدراسي الثاني	استوديو تصميم معماري (2): مباني عامة متوسطة ARC 1005	5 حضوري	استوديو بناء وتشييد (2): عناصر الإنشاء ARC 1102	3 حضوري	النمذجة ثلاثية الأبعاد بالحاسب الآلي ARC 1205	2 حضوري	العمارة التراثية المحلية ARC 1304	2 حضوري	عمارة عصر النهضة وما قبل الحداثة ARC 1311	2 حضوري	نظم التحكم البيئي ARC 1317	2 حضوري	18
الفصل الدراسي الثالث	استوديو تصميم معماري (3): العمارة المحلية ARC 1006	5 حضوري	استوديو بناء وتشييد (3): عناصر الإنشاء ARC 1103	3 حضوري	التصميم الإبداعي باستخدام الحاسب الآلي ARC 1201	2 حضوري	تجهيزات فنية للمباني ARC 1307	2 حضوري	مبادئ التصميم الحضري ARC 1313	2 حضوري	مقرر اختياري (2) ARC 141#	2 حضوري	18

السنة الثالثة

الفصل الدراسي الأول	استوديو تصميم معماري (4): نظم الانشاء التقليدية ARC 1007	5 حضوري	استوديو بناء وتشييد (4): التجهيزات الفنية ARC 1104	3 حضوري	مبادئ التخطيط العمراني ARC 1312	2 حضوري	نظم الانشاء في العمارة ARC 1316	2 حضوري	استوديو مقدمة في التصميم الحضري ARC 1109	4 حضوري	المنشآت (2) CE 2452	2 حضوري	18
الفصل الدراسي الثاني	استوديو تصميم معماري (5): البحور الواسعة ARC 1008	5 حضوري	استوديو بناء وتشييد (5): التشطيبات ARC 1105	3 حضوري	العمارة المستدامة ARC 1305	2 حضوري	مقرر اختياري (3) ARC 142#	2 حضوري	استوديو مقدمة في التخطيط العمراني ARC 1110	4 حضوري	المنشآت (3) CE 2454	2 حضوري	18
الفصل الدراسي الثالث	تدريب تعاوني ARC 1500	8 حضوري									مقررات التخطيط العمراني		8

السنة الرابعة

الفصل الدراسي الأول	استوديو تخطيط عمراني (1): مجاورة سكنية ARC 3051	5 حضوري	استوديو تحليل الفراغات الحضرية ARC 3151	3 حضوري	نظم المعلومات الحضرية بالحاسب الآلي ARC 3251	2 حضوري	نظريات التخطيط العمراني ARC 3351	2 حضوري	دراسات متقدمة في تنسيق المواقع ARC 3352	2 حضوري	الاسكان ARC 3353	2 حضوري	18
الفصل الدراسي الثاني	استوديو تخطيط عمراني (2): حي سكني ARC 3052	5 حضوري	استوديو تنسيق المواقع ARC 3152	3 حضوري	نظم المعلومات الحضرية المتقدمة بالحاسب الآلي ARC 3252	2 حضوري	تخطيط النقل الحضري ARC 3354	2 حضوري	الخدمات الحضرية ARC 3355	2 حضوري	الثقافة الإسلامية (3) ICC 3203	2 حضوري	18
الفصل الدراسي الثالث	استوديو تخطيط عمراني (3): مدينة جديدة ARC 3053	5 حضوري	استوديو تخطيط تفصيلي ARC 3153	3 حضوري	الإحصاء التطبيقي بالحاسب الآلي ARC 3253	2 حضوري	التخطيط الإقليمي ARC 3356	2 حضوري	المدن والتغير المناخي ARC 3357	2 حضوري	مقرر اختياري (1): التخطيط العمراني ARC 345#	2 حضوري	18

السنة الخامسة

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- الخط العربي والزخرفة
- مبادئ التصميم الجرافيكي

التخطيط العمراني 2
- مفردات العمارة الاسلامية
- عمارة المساجد المعاصرة
- عمارة المسجد الحرام والمسجد النبوي
- مقدمة في تحليل الفراغات الحضرية
- تنسيق المواقع المستدام
- موضوعات عمرانية في الحج والعمرة
- المؤشرات الحضرية
- التكنولوجيا وتنمية الصحراء
- التنمية العمرانية في المملكة العربية السعودية
- موضوعات مختارة في التخطيط العمراني
- موضوعات متقدمة في النقل الحضري
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- الضيافة
- بحث و ابتكار

إجمالي ساعات البرنامج: 255

حضوري | عن بعد

SCAN ME

جامعة أم القرى
UMM AL-QURA UNIVERSITY

نموذج الإقرار النهائي لتحكيم البرنامج

Undergraduate Program

Final Approval Form

Program Name اسم البرنامج	
Bachelor of Architecture and Planning	
College الكلية	**Department القسم**
College of Engineering and Islamic Architecture	Islamic Architecture
Degree Offered الدرجة الممنوحة	**Teaching Style أسلوب الدراسة**
Bachelor	In person

إقرار المحكّم

سعادة وكيل جامعة أم القرى للشؤون التعليمية سلمه الله

بعد الاطلاع على البرنامج الموضحة بياناته أعلاه وتحكيمه وفق النماذج المعتمدة لديكم، أفيدكم بإقرار القبول النهائي للبرنامج، واستيفائه المعايير الأكاديمية المؤهلة لقبول الطلاب عليه.

Reviewer Name:	**Dr. Abdulrahman K. Yussef**	**اسم المحكم:**
Affiliation:	**Taibah University**	**جهة العمل:**
Specialization field/subfield:	**Construction Engineering and Management**	**التخصص العام/الدقيق:**
Email:	**ayussef@taibahu.edu.sa**	**البريد الإلكتروني:**
Signature:		**التوقيع:**
Date:	**26/5/2022**	**التاريخ:**

جامعة أم القرى
UMM AL-QURA UNIVERSITY

نموذج الإقرار النهائي لتحكيم البرنامج

Undergraduate Program

Final Approval Form

Program Name اسم البرنامج	
العمارة والتخطيط	
College الكلية	Department القسم
كلية الهندسة والعمارة الإسلامية	قسم العمارة الإسلامية
Degree Offered الدرجة الممنوحة	Teaching Style أسلوب الدراسة
بكالوريوس	حضوري

إقرار المحكّم

سعادة وكيل جامعة أم القرى للشؤون التعليمية سلمه الله

بعد الاطلاع على البرنامج الموضحة بياناته أعلاه وتحكيمه وفق النماذج المعتمدة لديكم، أفيدكم بإقرار القبول النهائي للبرنامج، واستيفائه المعايير الأكاديمية المؤهلة لقبول الطلاب عليه.

Reviewer Name:	د. محمد فكري محمود محمد	اسم المحكم:
Affiliation:	جامعة عفت	جهة العمل:
Specialization field/subfield:	العمارة/ نظريات العمارة	التخصص العام/الدقيق:
Email:	mfekry@effatuniversity.edu.sa	البريد الإلكتروني:
Signature:		التوقيع:
Date:	30-05-2022	التاريخ:

Courses

Specifications

توصيف المقررات

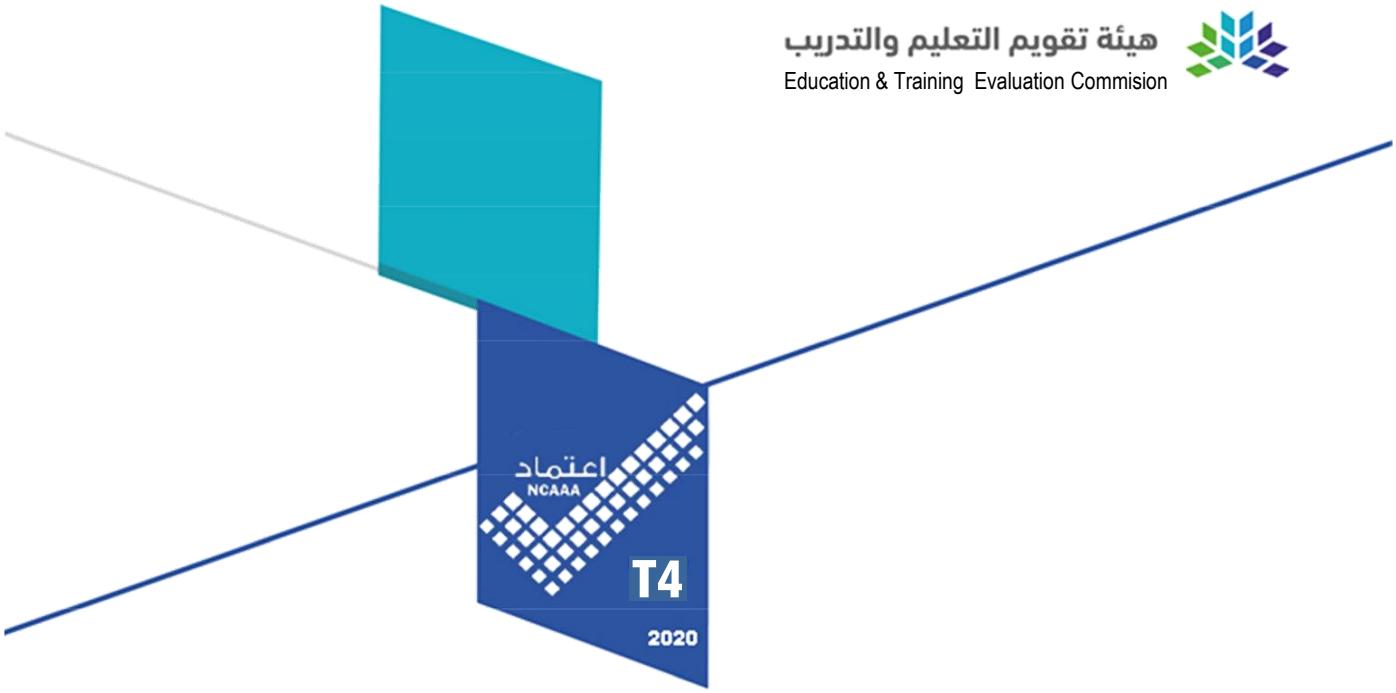
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Unified
Courses

مقـــررات
عامة للثلاث مسارات

3.1

Level
(1)



Course Specifications

Course Title:	**Architectural Formation Principles Studio 1**
Code:	**ARC 1001**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **1** Level **1**

4. Pre-requisites for this course (if any)**:**

None

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is an introduction to architectural formation. It focuses on definition of primary elements (point, line and plane), visual properties of form and space (materials, light, texture, pattern and colors), proportion and scale as well as ordering principles.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the basics of architectural formation. Demonstrate an understanding of the fine arts as an influence on the quality of the design. Employ manual skills to develop and present projects. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the basics of architectural formation. (K1-c)	**K1**
1.2	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**
3.3	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Explanation of drawing instruments	**10**
2	Sketch training: how to use different types of pencils and technical pens	**10**
3	Primary elements: The point	**10**
4	Primary elements: Straight and Jagged lines	**10**
5	Primary elements: Curved line	**10**
6	Primary elements: Two dimensional shapes (planes)	**10**
7	Visual properties: Materials, light, texture, pattern and colors	**10**
8	Proportion and scale: Module, proportioning systems, golden section, etc.	**10**
9	Types of composition: Two and three dimensional forms	**10**
10	Composition: Ordering principles (Axis, Symmetry, repetition, rhythm, etc.)	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the basics of architectural formation. (K1-c)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Self–Learning	Assignments & Tasks
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning (Homework)	Drawing Exam
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation
3.3	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	CHING, Francis D.K. (2015). Architecture, form, space & order. John Wiley & Sons, New York, USA.
	Schrank, Brian. (2018), Principles of Visual Design, Color Theory, McGraw-Hill
Essential References Materials	CHING, Francis D.K. (2016), Design Drawing, John Wiley & Sons, New York, USA.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

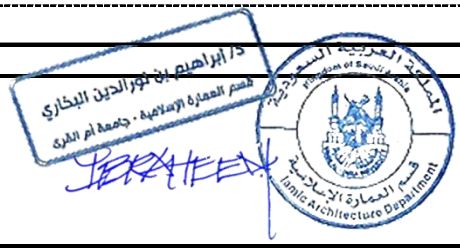
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Architectural Drawings and Presentation**
Code:	**ARC 1302**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**1**	Level	**1**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**5**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**50**

B. Course Objectives and Learning Outcomes

1. Course Description

Architectural graphics are key tools for conveying design through representation on paper or on screen, and this course is the ultimate guide to mastering the manual skill. This course is an essential guide offers a comprehensive introduction to using graphic tools and drafting conventions to translate architectural ideas into effective visual presentations. This course includes information on orthographic projection in relation to 3D models, and explanations of scale and dimensioning.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of various ways of representing the built environment. Employ manual skills to develop and present projects. Perform drawings efficiently and accurately. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Drawing tools and materials	**5**
2	Architectural drafting: The line	**5**
3	Architectural drawing systems: Projection drawing and Pictorial systems	**5**
4	Multiview drawings: Plans and site plans	**5**
5	Multiview drawings: Section	**5**
6	Multiview drawings: Elevations	**5**
7	Paraline drawings: Isometric drawings	**5**
8	Architectural drawing systems: Communication design ideas	**5**
9	Rendering context (people, furniture, vehicles, landscaping, etc.)	**5**
10	Architectural presentations	**5**
Total	None	**50**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Self–Learning	Assignments & Tasks
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Drawing Exam
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Exam (Drawing Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, F. (2015). Architectural Graphics. Wiley.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

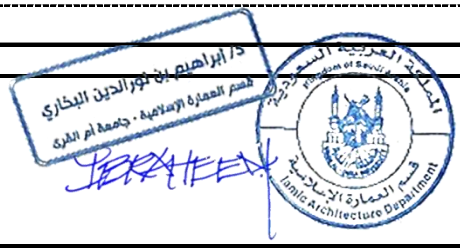
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Ancient civilizations and Medieval Architecture**
Code:	**ARC 1309**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **1** Level **1**

4. Pre-requisites for this course (if any)**:**

None

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces students to world architecture from prehistory times to the end of the medieval period. It helps understanding the various cultural, technological and aesthetic aspects through history. The course focuses on the architecture in Mesopotamian, ancient Egyptian, Greek, Roman, Byzantine and Gothic architecture. Furthermore, it discusses traditional architecture of China and Japan.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the history of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Prehistoric settlements and megalith constructions	**2**
2	Ancient Mesopotamian architecture	**2**
3	Ancient Egyptian architecture: Old kingdom	**2**
4	Ancient Egyptian architecture: Middle and new kingdom	**2**
5	The Greek architecture: Ancient, classical and Hellenistic period	**2**
6	Traditional architecture of China and Japan	**2**
7	The Roman architecture	**2**
8	Early Christian and Byzantine architecture	**2**
9	Early Medieval and Romanesque architecture	**2**
10	Gothic architecture	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Moffett, M. et al. (2008). A world History of Architecture. McGraw-Hill.
	Fletcher, B. (2020). Sir Banister Fletcher's Global history of architecture. Bloomsbury Visual Arts.
Essential References Materials	Ching, F. et al. (2017). A global history of architecture. Wiley.
	Richard, W. (2000). The Complete Temples of Ancient Egypt. Thames & Hudson.
	Tomlinson, R. (1995). Greek and Roman Architecture. British Museum Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

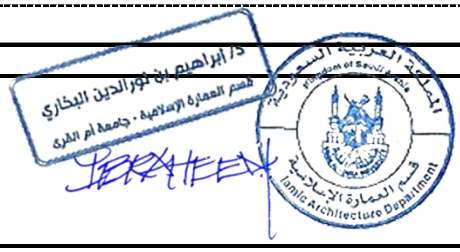
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Mathematics for Architects**
Code:	**MTH 1601**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Mathematical Sciences Department**
College:	**College of Applied Sciences**
Institution:	**Umm Al-Qura University**

* UN4

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**1**	Level	**1**
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on selected topics in differentiation and Integration. It also focuses on analytic geometry which is geometry within a coordinate system. While there are many coordinate systems. This course focuses on the three most coordinate systems used in academia: Cartesian (Rectangular), Cylindrical, and Spherical.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of mathematical concepts relevant to the built environment . Solve complicated problems associated with the built environment. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of mathematical concepts relevant to the built environment . (K4-a)	**K4**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Differentiation: Linear equations, Slope formula, Measuring gradients	**2**
2	Rules for differentiation	**2**
3	Derivatives of Trigonometric Functions	**2**
4	Derivative Rules and Curve Sketching	**2**
5	Integration: Definite and indefinite integrals	**2**
6	Integration of trigonometric functions	**2**
7	Finding the area under curve and between curves	**2**
8	Trapezoidal and Simpson's rule	**2**
9	Analytic Geometry: Circles and the Parabola	**2**
10	The Ellipse and the Hyperbola	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of mathematical concepts relevant to the built environment . (K4-a)	Direct Learning (Lecture)	Assignments & written Exams
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Indirect L. (Problems solving)	Assignments & written Exams
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Strang, G. (2017). Calculus. Wellesley. Serdarushich, V. (2014). Analytic Geometry. Nabla Ltd.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

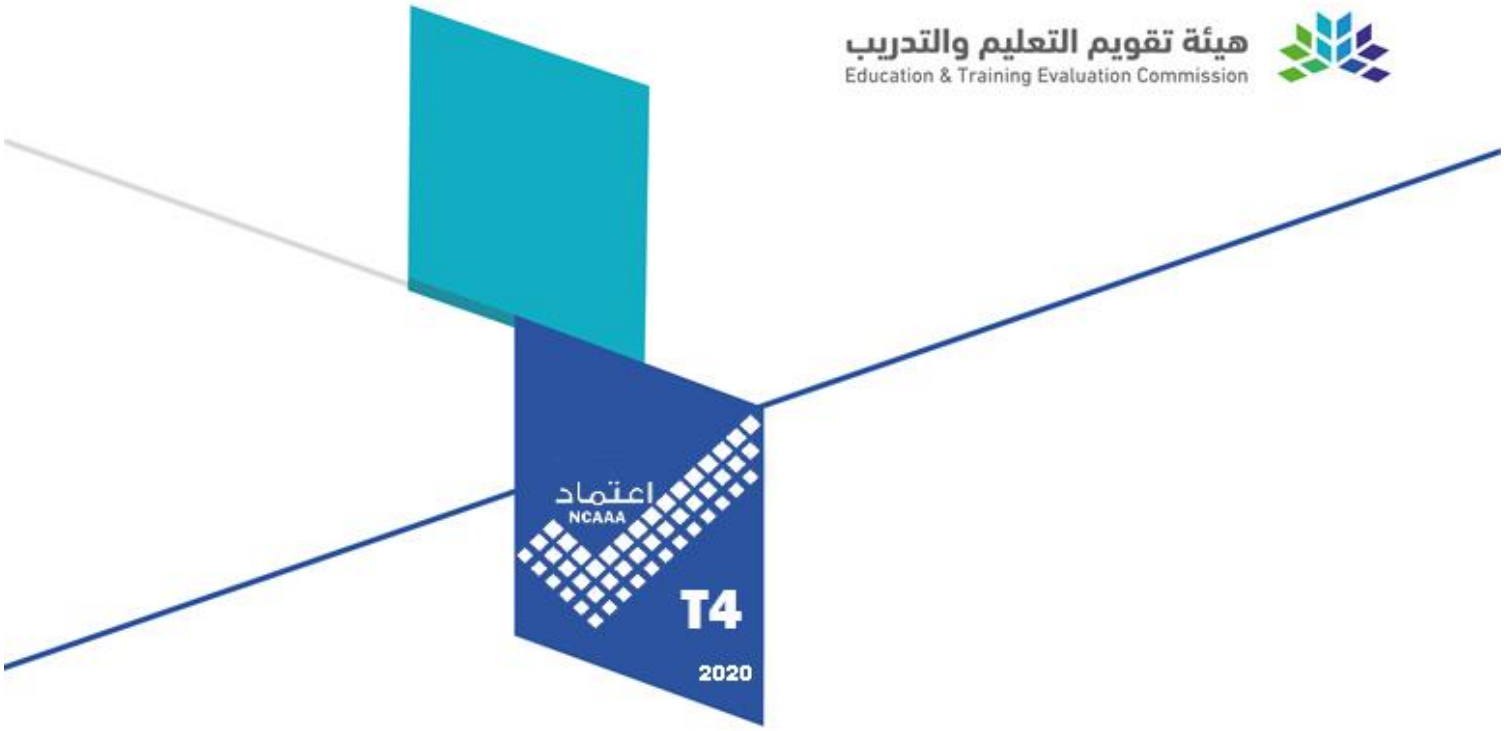
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	
Date	May 29, 2022

Comments:

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	English Language 1
Course Code:	ELCN1301
Program:	Bachelor of Architecture and Planning
Department:	English Language Centre
College:	English Language Centre
Institution:	Umm Al Qura University

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G. Course Quality Evaluation **12**

H. Specification Approval Data **12**

A. Course Identification

1. Credit hours: 4 hours
2. Course type **a.** University ☐ College ■ Department ☐ Others ☐ **b.** Required ■ Elective ☐
3. Level/year at which this course is offered: **1st Year**
4. Pre-requisites for this course (if any)**:** **N/A**
5. Co-requisites for this course (if any)**:** **N/A**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	6 hours per week	60%
2	**Blended**	10 hours per week	100%
3	**E-learning**	4 hours per week	40%
4	**Distance learning**	0	0
5	**Other**	0	0

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	(10 hours) X (10 weeks)
2	**Laboratory/Studio**	0
3	**Tutorial**	0
4	**Others** (specify)	0
	Total	100 hours

B. Course Objectives and Learning Outcomes

1. Course Description

English Language I is a single-level, English for General Purposes (EGP) course. All students who are admitted to Bachelor in the Non-EMI Colleges (College of Islamic Economics and Finance, Department of Islamic Architecture) are required to take this course in the first semester of the first year of their program. The course is offered in 10 weeks with a 10-hour-per week teaching plan covering the four language skills. It intends to develop students' knowledge and ability of English language in all major skills which include reading, writing, listening, and speaking, as well as in sub-skills including grammar, vocabulary, and pronunciation.

2. Course Main Objective

English Language 1 is a basic level taking students from (CEFR) A1 to A2.

3. Course Learning Outcomes

CLOs	
1.0	**Knowledge**
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of spoken materials at the A2 level through recognizing key words and simple changes in topic. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, and interviews - understand how to listen for detail in academic study - understand the use of repetition for clarification - understand a speaker's mood from intonation - understand a speaker's attitude to a topic - distinguish fact from opinion - recognize features of connected speech, eg single sounds, intrusives, stress patterns, etc
1.2	demonstrate basic understanding of grammar at the A2 level. - use the present simple to describe habits and routines - be aware of the use of formal vs informal language when making requests, writing email, etc - use the past simple and past continuous when describing events in someone's life with correct time clauses where needed - use the present continuous to describe actions happening at the time of speaking or when discussing future plans - use *going to* when talking about persona plans or intentions - correctly use quantifiers, such as *too much* - be aware of the difference in use of *to* and *for* when giving reasons - use comparatives and superlatives for comparing people and objects - make predictions using *will, may* or *might* where appropriate - use present perfect to talk about experience or lack of it - use relative clauses with *who, which* or *that*
1.3	recognize and use lexical items such as words, collocations related to everyday topics at the A2 level: - develop vocabulary of the topics covered in order to be able to talk about them with others - be able to combine clauses using *and* and *but* - understand and use basic collocations with *have, make* and *do* - write short texts, eg making comments on podcast chat or online discussions, or giving online travel advice
2.0	**Skills**
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple written texts at the A2 level through applying the skills of scanning, skimming, and guessing from context. - develop scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - listen or read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts
2.1.2	compose simple and basic texts at the A2 level about everyday topics through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write a formal email of introduction - post comments online with reasons and/ or examples - posting text msgs vs writing an email - brainstorm and write points on presentation slides with correct format (parallelism) - write a video script - write combined sentences, using *and* and *but* - use sequencers: *first, then, next, etc* - punctuation: Capital letters, commas, periods.
2.1.3	communicate in spoken language at the A2 level through simple tasks such as direct exchange of information, delivering short talks

CLOs	
	- talk about familiar topics - use functional language, such as greetings, inviting, expressing surprise, etc - give short presentations - produce a short vlog and video - check understanding
2.2	**Critical Thinking** - analyze a text regarding main ideas in paragraphs - identify and discuss the habits of successful people - identify the pros and cons of a topic - identify a person's attitude or feelings based on what they have said - identify solutions to a problem - identify the purpose of a text based on its content - form an opinion based on input, eg an article - separate fact from fiction - identify reasons people take some action and problems they may have - evaluate a classmate's writing based on criteria provided - identify different points of view - identify use of register/ formality - reflect on how knowledge helps comprehension - reflect on knowledge gained - make predictions based on present knowledge
2.3	**Communication, Information Technology, Numerical** - provide basic, prepared information - describe and give personal opinions on a variety of topics - give advice, eg on travel - express general beliefs - talk about advantages and disadvantages - give recommendations - present persuasively
2.4	**Psychomotor** - give confident, persuasive presentations - design slides for a presentation with appropriate parallelism - use linking and weak forms in sentences
3.0	**Values**
3.1	develop life-long learning strategies so that students can take full responsibility of their English language skill development.
3.2	develop academic integrity.
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to develop a plan, create a convincing argument - give feedback to peers on writing, presentations, etc - use intonation to show emotion and interest - show levels of agreement *"I agree", "I guess"* - ask for opinions and check information
3.4	take the responsibilities to meet the requirements of the jobs market: - write a formal email - consider and give advice on how to save - consider the future of work

C. Course Content

No	List of Topics	Contact Hours
Evolve 2 Special Edition: Level 1 (A2)		
1	Unit 1: Connections Family, possessions, greetings, email Video: Friends for dinner	
2	Unit 2: Work and Study Routines, work or study space, explaining a problem, a podcast, useful apps Video: Monday morning problems	
3	Unit 3: Let's move Sport and exercise, asking for info, bike sharing, attitudes to keeping fit Video: At the gym	
4	Unit 4: Good times Comic Con, gifts, invitations, Bug Fest, National Day and national dishes Video: A surprise party	
5	Unit 5: Firsts and lasts A day in your life, events in your life, congratulating and sympathizing, first impressions Video: A photo album	
6	Unit 6: Buy now, pay later Black Friday, shopping habits, discovering new words, money, online shopping advice Video: An online shopping problem	
7	Unit 7: But first, food Comfort food, street food, ordering, meat-free burgers, vegan food Video: Eating out	
8	Unit 8: Trips Trip advice, A short trip, making suggestions, living abroad, a trip to Riyadh Video: Lost in the city	
9	Unit 9: Looking good What to wear, family photos, giving opinions, images in ads, recycling, advertisements Video: An untidy guest	
10	Unit 10: Risky business Dangers at work, health, fears, the future: yourself and work, TV shows Video: A 911 call	
11	Unit 11: Me, online Personal achievements, social media, requesting, selfies, Internet of Things (IoT), online videos Video: Getting a job	
12	Unit 12: Outdoors The weather, describing places, getting lost, guerilla gardening, writing a trip review Video: Changes	
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge**		
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of spoken materials at the A2 level. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, and interviews - understand how to listen for detail in academic study - understand the use of repetition for clarification - understand a speaker's mood from intonation - understand a speaker's attitude to a topic distinguish fact from opinion - recognize features of connected speech, eg single sounds, intrusives, stress patterns, etc	Listening exercises	Listening mid-term exam Listening final exam
1.2	demonstrate basic understanding of grammar at the A2 level. - use the present simple to describe habits and routines - be aware of the use of formal vs informal language when making requests, writing email, etc - use the past simple and past continuous when describing events in someone's life with correct time clauses where needed - use the present continuous to describe actions happening at the time of speaking or when discussing future plans -use *going to* when talking about persona plans or intentions - correctly use quantifiers, such as *too much* - be aware of the difference in use of *to* and *for* when giving reasons - use comparatives and superlatives for comparing people and objects - make predictions using *will*, *may* or *might* where appropriate - use present perfect to talk about experience or lack of it - use relative clauses with *who*, *which* or *that*	Grammar exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.3	recognize and use lexical items such as words, collocations related to everyday topics at the A2 level: - develop vocabulary of the topics covered in order to be able to talk about them with others - be able to combine clauses using *and* and *but* - understand and use basic collocations with *have*, *make* and *do* - write short texts, eg making comments on podcast chat or online discussions, or giving online travel advice	Writing, reading, and vocabulary exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam
2.0	**Skills**		
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple written texts at the A2 level through applying the skills of scanning, skimming, and guessing from context. - develop scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - listen or read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts	Reading comprehension exercises	Classroom discussion Midterm exam Final exam
2.1.2	compose simple and basic texts at the A2 level about everyday topics through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write a formal email of introduction - post comments online with reasons and/ or examples - posting text msgs vs writing an email - brainstorm and write points on presentation slides with correct format (parallelism) - write a video script - write combined sentences, using and and but - use sequencers: first, then, next, etc - punctuation: Capital letters, commas, periods.	Writing exercises	Continuous writing assessment Writing Final Exam
2.1.3	communicate in spoken language at the A2 level through simple tasks such as direct exchange of information, delivering short talks - talk about familiar topics - use functional language, such as greetings, inviting, expressing surprise, etc - give short presentations - produce a short vlog and video - check understanding	Speaking exercises Discussion Presentation, eg an advertisement, a tourist campaign, a YouTube video	Continuous speaking assessment

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.2	**Critical Thinking** - analyze a text regarding main ideas in paragraphs - identify and discuss the habits of successful people - identify the pros and cons of a topic - identify a person's attitude or feelings based on what they have said - identify solutions to a problem - identify the purpose of a text based on its content - form an opinion based on input, eg an article - separate fact from fiction - identify reasons people take some action and problems they may have - evaluate a classmate's writing based on criteria provided - identify different points of view - identify use of register/ formality - reflect on how knowledge helps comprehension - reflect on knowledge gained - make predictions based on present knowledge		
2.3	**Communication, Information Technology, Numerical** - provide basic, prepared information - describe and give personal opinions on a variety of topics - give advice, eg on travel - express general beliefs - talk about advantages and disadvantages - give recommendations present persuasively	Demonstrations Active self-learning Pair work Group work e-learning Online material (Encourage students to make their presentations to small groups in the class)	Monitoring students' progress Evaluating the individual contribution Evaluating the teamwork Evaluating the final product (Evaluation of presentations may be by peers)
2.4	**Psychomotor** - give confident, persuasive presentations - design slides for a presentation with appropriate parallelism - use linking and weak forms in sentences	Active self-learning Pair work Group work	Monitoring students' progress
3.0	**Values**		
3.1	develop life-long learning strategies so	Cambridge application	Built-in immediate

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	that students can take full responsibility of their English language skill development.	Cambridge LMS	feedback
3.2	develop academic integrity.	Writing exercises	Continuous writing assessment Continuous speaking assessment Writing Final Exam
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to develop a plan, create a convincing argument - give feedback to peers on writing, presentations, etc - use intonation to show emotion and interest - show levels of agreement *"I agree", "I guess"* - ask for opinions and check information	Peer work Group work	Evaluating the individual contribution Evaluating the teamwork Evaluating the final product
3.4	take the responsibilities to meet the requirements of the jobs market: - write a formal email - consider and give advice on how to save - consider the future of work	Individual, peer and group work inside classrooms. Extramural language work to master the competencies at this language level.	Monitoring students' progress

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	The 5th	30
2	Listening Mid-term Exam	The 6th	5
3	Online Practice	from the 1st to the 10th	5
4	Continuous speaking assessment	from the 1st to the 10th	5
5	3 Quizzes (average)	3rd/ 6th/ 9th	5
6	Listening Final Exam	from the 1st to the 10th	5
7	Final Exam	The 10th	45
	Total	The 11th	100

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Course instructors are ready to answer all students' queries during their lectures or during office hours and they can be reached by personal meeting, e-mails, WhatsApp or telegram.

All students have the e-mail and office hours of the course instructor through student handouts distributed to the student at the beginning of each semester.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Clandfield, L., Goldstein, B., Jones, C., Kerr, P., Hendra, L., Tilbury, A. (2019). Evolve 2 Special Edition: Student's Book with Practice Extra. Cambridge University Press. UK: Cambridge University Press.
Essential References Materials	Multimedia
Electronic Materials	Cambridge LMS
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms
Technology Resources (AV, data show, Smart Board, software, etc.)	data show, Smart Board, and Cambridge application
Other Resources (Specify, e.g. if specific laboratory equipment	Blackboard

Item	Resources
is required, list requirements or attach a list)	

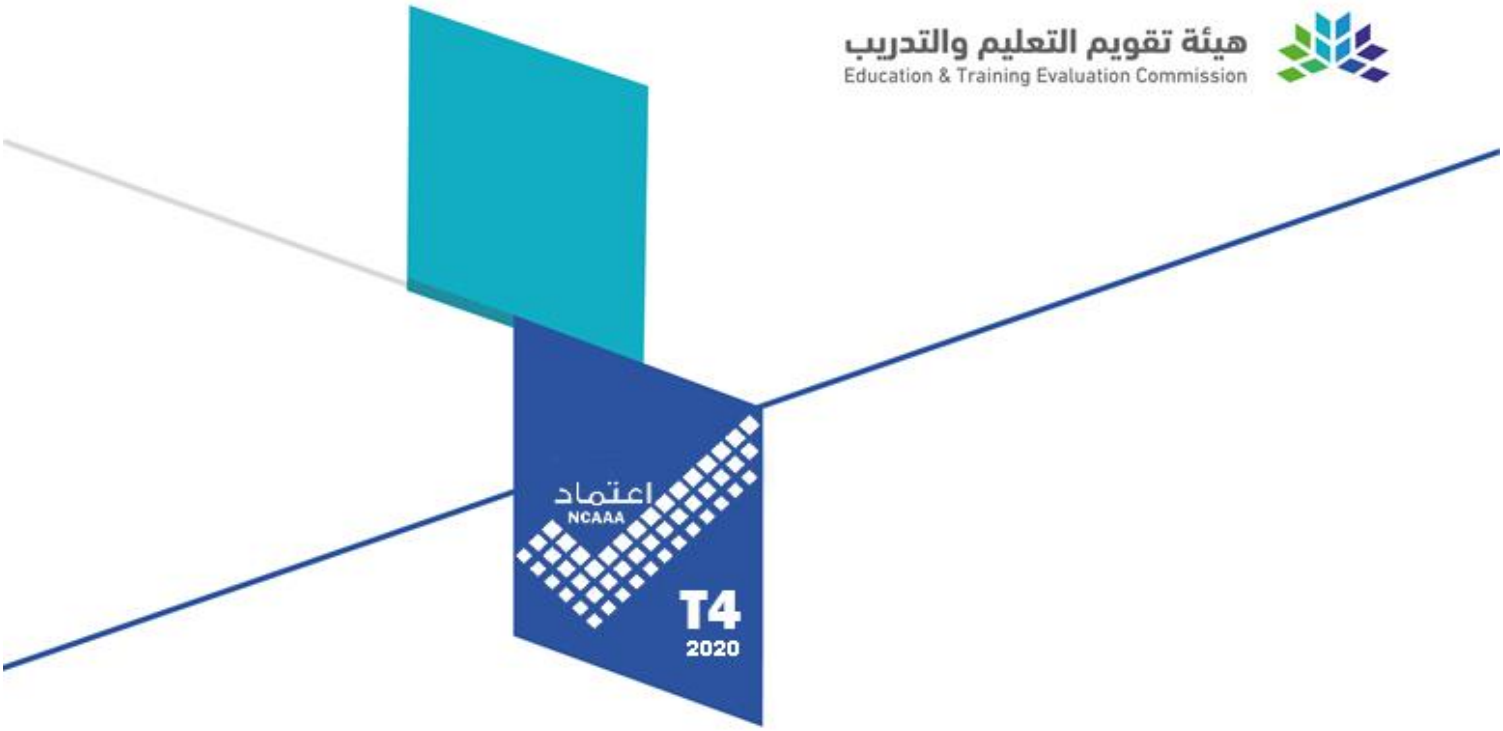
G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	Faculty members	Direct: Course reports
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	University students	Direct: Evaluation surveys

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Curriculum and Accreditation Committees
Reference No.	
Date	Dec 30.2021



توصيف المقرر الدراسي

اسم المقرر:	**توصيف مقرر الثقافة الإسلامية (١)**
رمز المقرر:	ICC1201
البرنامج:	**البكالوريوس**
القسم العلمي:	**الدعوة والثقافة الإسلامية**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

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أ. التعريف بالمقرر الدراسي: ٣

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١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

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ج. موضوعات المقرر ٤

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٢. أنشطة تقييم الطلبة ٥

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و – مصادر التعلم والمرافق: ٦

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٣. السنة / المستوى الذي يقدم فيه المقرر **الأول**
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) **لا يوجد**
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
	الإجمالي	٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر: يتناول المقرر التعريف بمحاسن الإسلام، ووسطيته، وسمو مبادئه، إضافة إلى بيان مفهوم الإيمان، وأركانه، كما سيتناول مقاصد العبادات في الإسلام، مع دراسة لنماذج متنوعة من هذه العبادات، وأثرها على حياة الإنسان.
٢. الهدف الرئيس للمقرر: - ترسيخ العقيدة الإسلامية الصحيحة. - بيان محاسن الإسلام ووسطيته، وسمو مبادئه. - توضيح مقاصد العبادة في الإسلام

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعرف على الثقافة الإسلامية ومصادرها وخصائصها	
1.2	يوضح آداب وسمات طالب العلم	
1.3	يشرح مفهوم العقيدة وأهميتها وأصولها وآثارها على الفرد والمجتمع	
1.4	يستعرض مفهوم العبادة ومكانتها وشروطها وخصائصها وآثارها	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
2	**المهارات**	
2.1	يقارن بين الثقافة الإسلامية والثقافة الغربية من حيث المفهوم والمصادر والأهداف	
2.2	يستنبط أدلة وثمار أركان الإيمان الستة	
2.3	يمارس العقيدة والعبادات بشكل صحيح بعيدا عن الغلو والتطرف وبالوسطية التي جاء بها الإسلام وأكدت عليها رؤية المملكة ٢٠٣٠	
2.4	ينقد أهم النظريات الأخلاقية الغربية	
3	**القيم**	
3.1	يتحلى بآداب وسمات طالب العام الناجح	
3.2	يكون علاقات داخل الجامعة وخارجها قائمة على الاستقلالية وتحمل المسؤولية	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مدخل إلى الثقافة الإسلامية (مفهومها، أهميتها، خصائصها، علاقتها بالعلوم الأخرى) :** سيتعلم الطالب في هذه المفردة مفهوم الثقافة الإسلامية وأهميتها، كما سيدرس خصائص الثقافة الإسلامية، والعلاقة بين الثقافة الإسلامية وارتباطها بالعلوم الشرعية الأخرى.	٢
٢	**مفهوم الدين رؤية الإسلام للوجود والإنسان:** يدرس الطالب في هذه المفردة مفهوم الدين، وتعريفاته، وأهميته، وحاجة الإنسان إليه من حيث فطريته، وتصحيح سلوكه. في هذه المفردة سيدرس الطالب نظرة الإسلام للخالق سبحانه وتعالى، وللكون، والمخلوقات، وكيف أن الإسلام كرم الإنسان وميزه على سائر المخلوقات	٢
٣	**وسطية الإسلام ومحاسنه:** في هذه المفردة سيدرس الطالب أصول محاسن، وكمال هذا الدين العظيم، كما سيدرس مظاهر وسطية الإسلام في عقائده وشرائعه وأخلاقه.	٢
٤	**مفهوم الإيمان:** تتطرق هذه المفردة إلى بيان الحقيقة اللغوية والشرعية للإيمان، وأهمية الايمان بالغيب، والعلاقة بين الظاهر والباطن، وزيادة الإيمان ونقصانه. في **الإيمان بالله (الربوبية، الأسماء والصفات):** هذه المفردة سيدرس الطالب مفهوم الايمان بالله وبوجوده، وبربوبيته، وأسمائه وصفاته، وأثر الإيمان بها في حياة المسلم **الإيمان بالله: (الألوهية):** يدرس الطالب في هذه المفردة مفهوم الايمان بالألوهية، وأثر ذلك في حياة المسلم.	٢
٥	**الإيمان بالملائكة والكتب:** هذه المفردة تعنى بتعريف الايمان بالملائكة والكتب وأهميته وآثاره. كما سيدرس صفات الملائكة ووظائفهم، والكتب الإلهية الواجب الإيمان بها، بالإضافة إلى موقف المسلم من الكتب السماوية السابقة والقرآن الكريم.	٢
٦	**الإيمان بالرسل:** في هذه المفردة سيدرس الطالب معنى الإيمان بالرسل وأهميته وآثاره، كما سيدرس وظائف الرسل عليهم السلام وصفاتهم والمقصد من إرسالهم، بالإضافة إلى أدلة صدق النبي صلى الله عليه وسلم وخصائصه وحقوقه	٢
٧	**الإيمان باليوم الآخر**: هذه المفردة يدرس الطالب فيها معنى الإيمان باليوم الآخر وأهميته وآثاره، كما سيدرس الحقائق التي يشملها الإيمان باليوم الآخر كأشراط الساعة وما يكون بعد الموت من حساب وجزاء، بالإضافة إلى أدلة البعث وحقيقته، ومفهوم الشفاعة.	٢

٨	**الإيمان بالقدر**: في هذه المفردة سيدرس الطالب مفهوم القضاء والقدر وآثار الإيمان به، كما سيدرس مراتب الإيمان بالقدر والمراد بها.	٢
٩	**العبادة**: تعنى هذه المفردة ببيان مفهوم العبادة في الإسلام وخصائصها وشروطها ومقاصدها، كما سيدرس أهمية عبادة الله وآثارها على حياة المسلم.	٢
١٠	**أركان الإسلام وآثارها:** سيكون التركيز في هذه المفردة على دراسة الآثار الإيمانية والتربوية للصلاة والزكاة والصوم والحج في حياة المسلم.	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يعرف الثقافة الإسلامية ويعدد مصادرها وخصائها	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية
1.2	يتمثل بآداب وسمات طالب العلم	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
1.3	يبين مفهوم العقيدة وأهميتها وأصولها وآثارها على الفرد والمجتمع	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية
1.4	يعرض مفهوم العبادة ومكانتها وشروطها وخصائصها وآثارها	تعلم الأقران	الاختبارات التحريرية والشفوية، التقويم المتسمر
2.0	**المهارات**		
2.1	يقارن برين الثقافة الإسلامية والثقافة الغربية من حيث المفهوم والمصادر والأهداف	العصف الذهني	الملاحظة والتقييم المستمر
2.2	يستنبط أدلة وثمار أركان الإيمان الستة	الطريقة الاستقرائية التكليف بأبحاث وواجبات	تقييم البحوث والواجبات
2.3	يطبق العقيدة والعبادات بشكل صحيح بعيدا عن الغلو والتطرف وفق رؤية المملكة ٢٠٣٠	التعليم التعاوني	الملاحظة المستمرة والتقييم الجماعي
2.4	ينقد أهم النظريات الأخلاقية الغربية	التعلم الذاتي	
3.0	**القيم**		
3.1	يتحلى بآداب وسمات طالب العام الناجح	التعلم التعاوني	الملاحظة المباشرة وتقويم الأداء
3.2	يكون عالقات داخل الجامعة وخارجها قائمة على الاستقلالية وتحمل المسؤولية	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
3.3	يستخدم التقنية الحديثة في البحث عن بعض مفردات المنهج	تكليف الطالب بأبحاث وواجبات يحتاج لجمع مفرداتها إلى وسائل التقنية الحديثة	تقييم الأبحاث

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	الأسبوعان الثامن والرابع عشر	٦٠%
٢	التقويم المستمر	كل أسابيع الدراسة	١٥%

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
٣	عرض البحوث والمناقشة	الحادي عشر والثاني عشر	١٥%
٤	الملاحظة وتقويم الأداء	كل أسابيع الدراسة	١٠%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	١- الدر المختصر في محاسن الدين الإسلامي للشيخ عبد الرحمن بن ناصر السعدي. + شرح أصول الإيمان للشيخ محمد العثيمين
المراجع المساندة	٢- تفصيل النشأتين وتحصيل السعادتين للراغب الأصفهاني. ٣- شفاء العليل في مسائل القضاء والقدر والحكمة والتعليل لابن قيم الجوزية.
المصادر الإلكترونية	المكتبة الرقمية السعودية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضاء هيئة التدريس، الطالب، لجنة الجودة، إدارة القسم	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)

المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architectural Formation Principles Studio 2**
Code:	**ARC 1002**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN7

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A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**1**	Level	**2**
4. Pre-requisites for this course (if any)**:**							
ARC 1001 Architectural Formation Principles Studio 1							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This course encompasses fundamentals of the definitions, concepts, analyses, development and presentation of architectural forms. Students learn how to create a simple architectural form using ordering principles. They learn how to compose a modular capsule building using different materials such as paper, wood, foam, etc. Furthermore, the studio introduces an Introduction to architectural drawings and design fundamentals through design of simple one story building. Students are asked to submit these two projects that include properly executed architectural drawings.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the basics of architectural formation. Demonstrate an understanding of various ways of representing the built environment. Create innovative concepts and forms for the built environment. Employ manual skills to develop and present projects. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the basics of architectural formation. (K1-c)	**K1**
1.2	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.3	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Formation Principles (Composition of three dimensional forms)	**10**
2	Project 1: Applications of geometrical tridimensional forms	**10**
3	Composition of modular capsule form	**10**
4	Architectural drawings: plan, section and site plan	**10**
5	Architectural drawings: elevation and Isometric	**10**
6	Project 2: Introduction to architectural drawings and design fundamentals	**10**
7	Architectural drawing of plan	**10**
8	Architectural drawing of sections	**10**
9	Architectural drawing of elevations and site plan	**10**
10	Architectural drawing of isometric	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the basics of architectural formation. (K1-c)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Direct Learning (Lecture)	Assignments & Tasks
2.2	Employ manual skills to develop and present projects. (S4-a)	Self–Learning	Direct Observation
2.3	Perform drawings efficiently and accurately. (S4-c)	Self–Learning (Homework)	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	CHING, F. (2016). Design Drawing. John Wiley & Sons. CERVER, F. (2010). Drawing For Beginners. Konmann.
Essential References Materials	CHING, F. (2015). Architectural Graphics 3rd ed., John Wiley & Sons.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

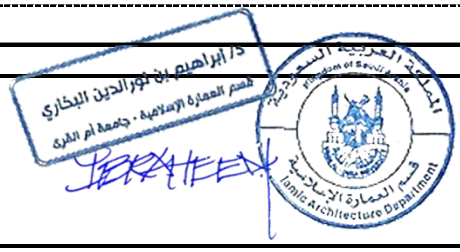
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

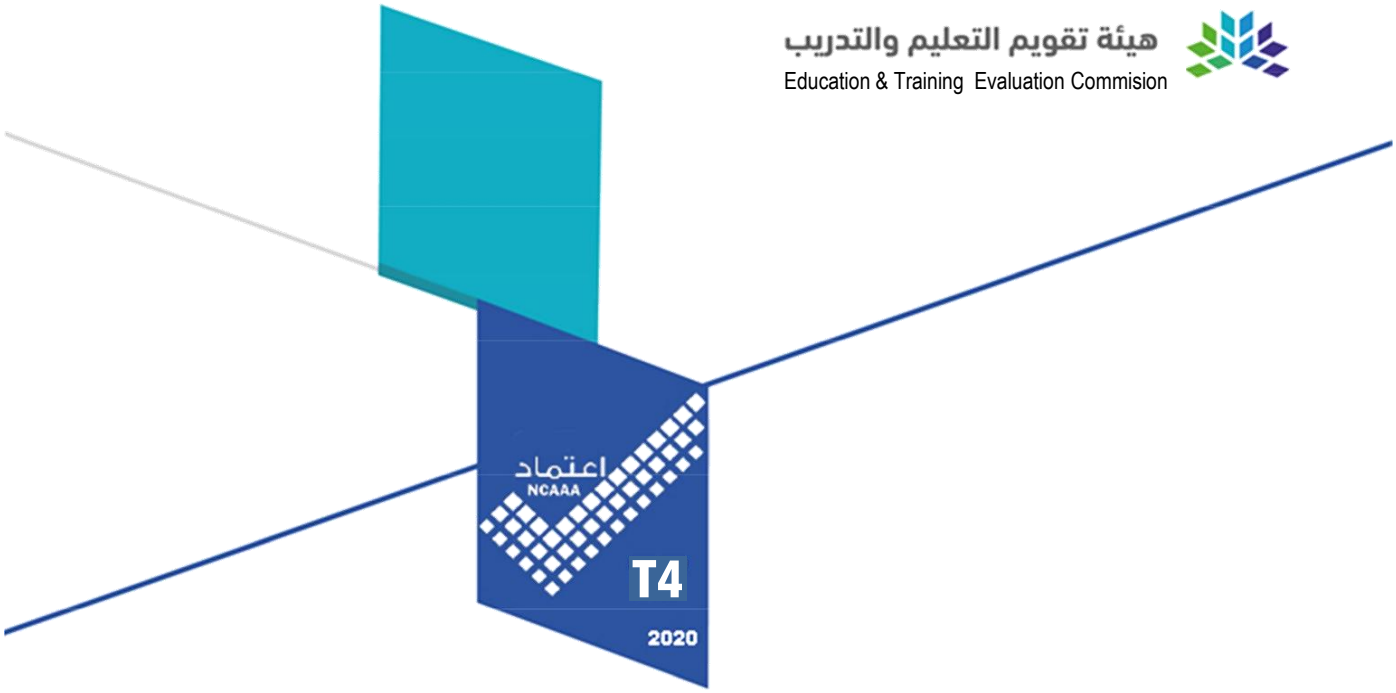
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Architectural Models**
Code:	**ARC 1306**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN8

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A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**1**	Level	**2**	

4. Pre-requisites for this course (if any)**:**

ARC 1302 Architectural Drawings and Presentation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**5**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**50**

B. Course Objectives and Learning Outcomes

1. Course Description

Architectural models are one of the main means by which an architect invents and develops his design. Furthermore, they serve as a bridge between the idea and its realization. This course presents the fundamentals of architectural models. Students learn how to think of and build architectural models using different materials.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Create innovative concepts and forms for the built environment. Execute physical models efficiently. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Execute physical models efficiently. (S4-b)	**S4**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	History, model types and scale of architectural models	**5**
2	Equipment, tools and materials of model making	**5**
3	Model's net	**5**
4	Cutting materials and basic assemblage	**5**
5	Generating Ideas: Additive/Subtractive drawing strategy	**5**
6	Working with plan and elevation drawings strategy	**5**
7	Working with concept drawings strategy	**5**
8	Reuse and found objects strategy	**5**
9	Oblique folding	**5**
10	Exploration of material behavior	**5**
Total	None	**50**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Execute physical models efficiently. (S4-b)	Direct Learning (Lecture)	Eval. of Project(s)
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	MILLS, C. (2011). Designing with models: A Studio Guide to Arch. Process Models. John Wiley & Sons.
	Trudeau, N. (1995). Professional Model Making. Watson.
Essential References Materials	Oswald, A. (2008). Architectural Models. Dom Publishers.
	Jackson, P. (2011). Folding Techniques for Designers: From Sheet to Form. Laurence King.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped Studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

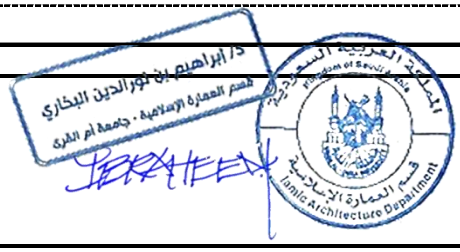
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Design Process and Methods**
Code:	**ARC 1308**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**1**	Level	**2**

4. Pre-requisites for this course (if any)**:**

None

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course provides a deeper understanding of the process and methods applied in the architectural design. It covers the analysis of space program, site analysis, the design philosophy, design concept, and the development of human-centred design proposals. The application of this process will be on a housing unit. Students learn to build solid understanding of when and how design decisions are made in the process. They also work on developing their own visualization skills and manual sketching techniques.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Define functional requirements and relationships for different sectors of the built environment. Apply the knowledge of theories and methods of designing the built environment. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction of the course and terms' definitions	**2**
2	The methods of design process	**2**
3	Prior to the design stage: Preparing the space program	**2**
4	Site analysis: Data collection and interpretations	**2**
5	Site analysis: Design decisions	**2**
6	Spatial analysis	**2**
7	The design concept	**2**
8	The architectural module	**2**
9	The space and spatial relationships: Specifications and components	**2**
10	The space and spatial relationships: Diagrams and matrices	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Written Exam
1.2	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Abououf, T. (2014). Site Analysis. Sky for Book. Abououf, T. (2015). Design Concept. Sky for Book.
Essential References Materials	Lagro, J. (2020). Site Analysis. John Wily & Sons. White, E. (2013). Site analysis. ArchiBasX Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

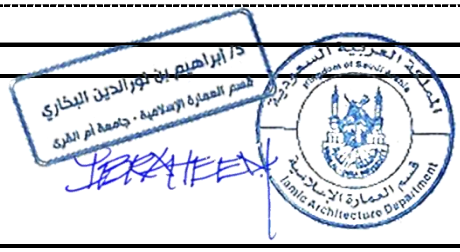
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Shade, Shadow and Perspective**
Code:	**ARC 1303**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**1**		Level	**2**

4. Pre-requisites for this course (if any)**:**

ARC 1302 Architectural Drawings and Presentation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**4**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course illustrates perspective systems and their use in the representation of three-dimensional architectural forms. Key concepts include one-point, two-point perspectives and techniques for drawing exterior and interior perspectives. Furthermore, the course illustrates casting shades and shadows on two and three dimensional drawings while using different rendering techniques such as pencils, colored pencils, markers, pens and ink, etc.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Employ manual skills to develop and present projects. Perform drawings efficiently and accurately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Linear perspective	**4**
2	Perspective projection and element	**4**
3	One-point perspective system	**4**
4	Section perspectives	**4**
5	Two-point perspective system: measuring point method	**4**
6	Perspective variables	**4**
7	Inclined lines, Stairs and circles	**4**
8	Reflections	**4**
9	Casting shades and shadows: 2D drawings	**4**
10	Casting shades and shadows: 3D drawings	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Perform drawings efficiently and accurately. (S4-c)	Direct Learning (Lecture)	Drawing Exam
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, F. (2015). Architectural Graphics. Wiley. Koller, E. (2008). Light, Shade and Shadow. Dover Publications.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

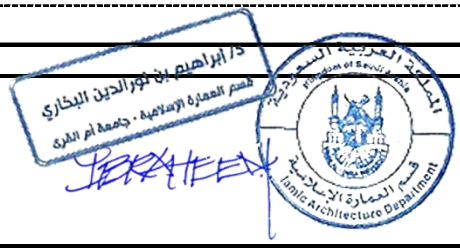
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

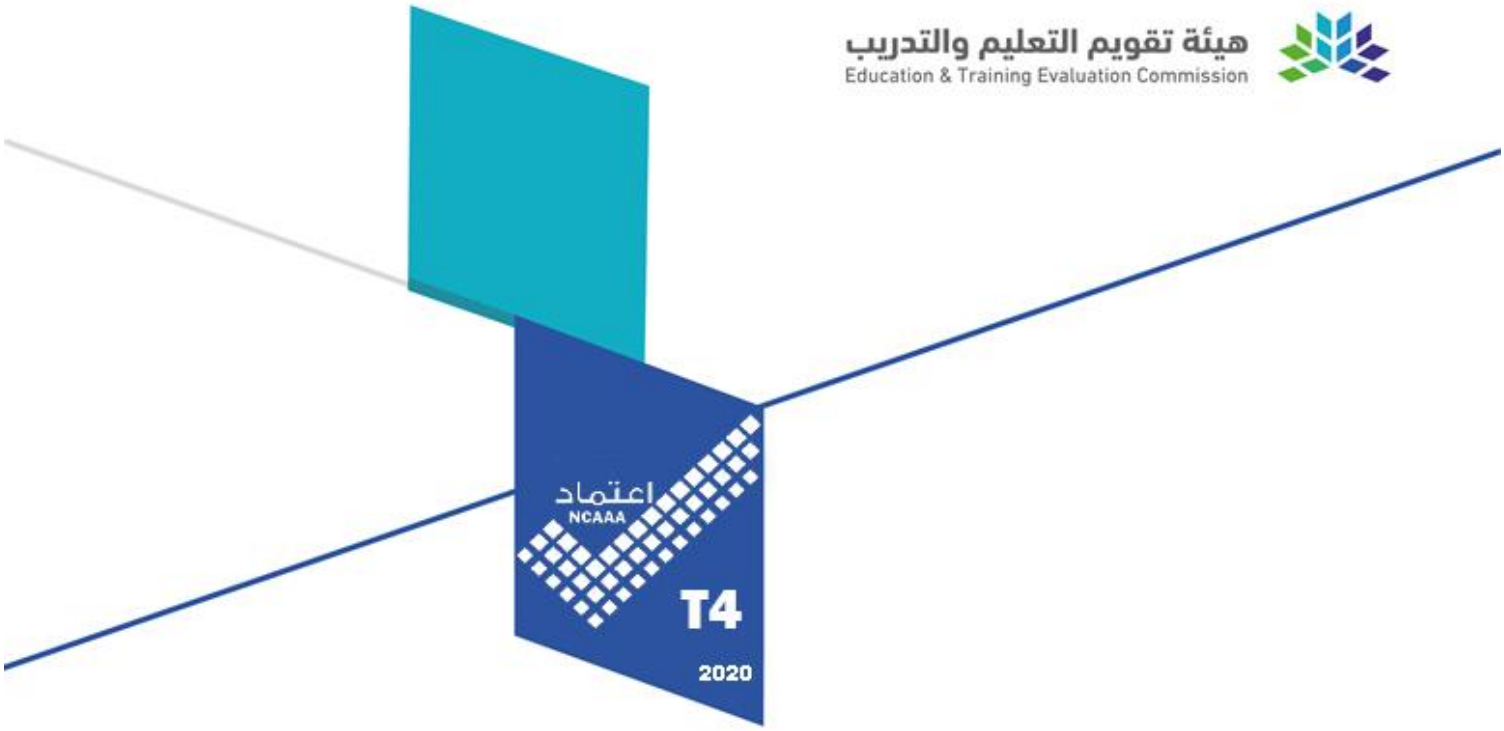
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	English Language 2
Course Code:	ELCN1302
Program:	Bachelor of Architecture and Planning
Department:	English Language Centre
College:	English Language Centre
Institution:	Umm Al Qura University

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6. Mode of Instruction (mark all that apply) 3

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D. Teaching and Assessment **7**

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E. Student Academic Counseling and Support **10**

F. Learning Resources and Facilities **11**

1.Learning Resources 11

2. Facilities Required 11

G. Course Quality Evaluation **11**

H. Specification Approval Data **11**

A. Course Identification

1. Credit hours: 4 hours
2. Course type **a.** University ☐ College ■ Department ☐ Others ☐ **b.** Required ■ Elective ☐
3. Level/year at which this course is offered: 1st Year
4. Pre-requisites for this course (if any)**:** English Language 1
5. Co-requisites for this course (if any)**:** N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	6 hours per week	60%
2	**Blended**	10 hours per week	100%
3	**E-learning**	4 hours per week	40%
4	**Distance learning**	0	0
5	**Other**	0	0

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	(10 hours) X (10 weeks)
2	**Laboratory/Studio**	0
3	**Tutorial**	0
4	**Others** (specify)	0
	Total	100 hours

B. Course Objectives and Learning Outcomes

1. Course Description

English Language 2 is a single-level, English for General Purposes (EGP) course. All students who are admitted to Bachelor in the Non-EMI Colleges (College of Islamic Economics and Finance, Department of Islamic Architecture) are required to take this course in the second semester of the first year of their program. The course is offered in 10 weeks with a 10-hour-per week teaching plan covering the four language skills. It intends to develop students' knowledge and ability of English language in all major skills which include reading, writing, listening, and speaking, as well as in sub-skills including grammar, vocabulary, and pronunciation.

2. Course Main Objective

English Language 2 is one level taking students from (CEFR) A2 to B1

3. Course Learning Outcomes

CLOs	
1.0	**Knowledge**
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of simple and complex spoken materials at the B1 level through recognizing key words, stress, intonation, pauses, and linkers in fast speech. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, discussions and interviews - identify main ideas and supporting ideas - develop listening for detail, examples and reasons - listen and read for opinions, attitude, and identify fact from opinion - identify rhetorical questions in a presentation
1.2	demonstrate an understanding of grammar at the B1 level, incorporating tenses, part of speech, modal auxiliaries, and sentence structure. - use indirect questions *"Can you tell me where …? I'd like to know what…"* - expand knowledge of present perfect to include how long something has occurred, and whether something has been done or not - use modals for giving advice *"I would…/ you should/ could…"* - be aware of the use of articles (a, an, the), and when no article is used - be aware of the difference in use of present continuous, going to and will for the future - use *-ed* and *-ing* adjectives correctly to describe feelings or opinions - use the past simple and past continuous correctly in narrative - be aware of the use of quantifiers, such as *a little, a lot of, so much, so many* - use conditionals for present and future real conditions
1.3	recognize and use lexical items such as words, collocations, and derivatives, both in general and academic contexts at the B1 level. - develop vocabulary of the topics covered in order to be able to talk about them with others - develop a bank of vocabulary for functional use, such as for describing the condition of possessions, for making decisions and plans, losing and finding things - use linking words for contrast, such as *although, but, however, on the other hand*. Be aware of their position in sentences - use linking words to organize text, *such as to start, after that, then, next finally* - use a range of vocabulary for describing graphs - provide definitions of difficult vocabulary in presentations, using expressions such as '*what I mean is…' 'that's when…'*
2.0	**Skills**
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple and complex written texts at the B1 level through applying the skills of scanning, skimming, guessing from context and through recognizing linking words. - use scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts
2.1.2	compose coherent/cohesive texts at the B1 level for various general and academic purposes through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write short texts, such as a travel post, an ad to request something, etc - write an email, brief life story or short story of more than one paragraph - write short texts expressing a point of view, feelings or opinion - write a description of a trend (describing statistics), using notes - write complex sentences

	communicate effectively in spoken language at the B1 level in tasks such as oral

2.1.3	presentations, group discussion, expressing opinions, and short talks. - discuss familiar and unfamiliar topics - reach a common consensus, eg who should be class leader - give short presentations - rank items in order of importance
2.2	**Critical Thinking** - develop well-reasoned, persuasive arguments - analyze sources of information when conducting research - evaluate things from a different perspective, eg what makes other people happy - evaluate and rank items according to usefulness or importance - evaluate arguments (evidence of support or relevance) - analyze advantages and disadvantages - infer meaning from written or spoken text - identify a specific audience and consider their need - appraise a text according to criteria, and provide feedback - identify inconsistencies and errors - appraise arguments - understand the links between ideas - organize ideas in a logical, systematic way - evaluate problems and propose solutions
2.3	**Communication, Information Technology, Numerical** - research, discuss and present information - describe and give personal opinions on a variety of topics - express general beliefs - paraphrase where needed - give recommendations - present persuasively
2.4	**Psychomotor** - give confident, persuasive presentations - take part in a role play - use intonation to show mood: express agreement, surprise, etc - use stress to highlight important information - use linking and weak forms in sentences
3.0	**Values**
3.1	develop life-long learning strategies so that students can take full responsibility of their English language skill development.
3.2	develop academic integrity.
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to brainstorm, create a convincing argument - give feedback to peers on writing, presentations, etc. - ask for opinions and check information
3.4	take the responsibilities to meet the requirements of the jobs market: - write a personal statement - explain changes and trends from data - use an appropriate opening and closing for a formal email

C. Course Content

No	List of Topics	Contact Hours
Evolve: Level 3 (B1) Special Edition		
1	Unit 1: Who We Are Personality, getting to know someone, spending money, Qualities of a leader Video: What's the right job for you?	
2	Unit 2: So Much Stuff Personal possessions, describing things, switching topics, collecting things, the story of a person or place, essential items to take Video: Collections, old and new	
3	Unit 3: Smart Moves Describing a city, getting around, asking for and giving directions, a written personal statement, describing changes and trends, a 'secret spot' Video: One day in…	
4	Unit 4: Think First Opinions and reactions ("*it's interesting*"/ "*I'm interested*"), planning a trip, reassurance, describing plans, travel posts, microadventure Video: Making plans	
5	Unit 5: And then ... Lost and found, needing and giving help, surprises, storytelling, selfies, 'Believe it or not' Video: Lost and found	
6	Unit 6: Impact Big-city problems, problems and solutions, concern and relief, a podcast point of view, Big-city life, 'green' city planning Video: Green in the city	
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge**		
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of simple and complex spoken materials at the B1 level through recognizing key words, stress, intonation, pauses, and linkers in fast speech. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, discussions and interviews - identify main ideas and supporting ideas - develop listening for detail, examples and reasons - listen and read for opinions, attitude, and identify fact from opinion - identify rhetorical questions in a presentation	Listening exercises	Listening mid-term exam Listening final exam
1.2	demonstrate an understanding of grammar at the B1 level, incorporating tenses, part of speech, modal auxiliaries, and sentence structure. - use indirect questions *"Can you tell me where …? I'd like to know what…"* - expand knowledge of present perfect to include how long something has occurred, and whether something has been done or not - use modals for giving advice *"I would…/ you should/ could…"* - be aware of the use of articles (a, an, the), and when no article is used - be aware of the difference in use of present continuous, going to and will for the future - use *-ed* and *-ing* adjectives correctly to describe feelings or opinions - use the past simple and past continuous correctly in narrative - be aware of the use of quantifiers, such as *a little, a lot of, so much, so many* - use conditionals for present and future real conditions	Grammar exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.3	recognize and use lexical items such as words, collocations, and derivatives, both in general and academic contexts at the B1 level. - develop vocabulary of the topics covered in order to be able to talk about them with others - develop a bank of vocabulary for functional use, such as for describing the condition of possessions, for making decisions and plans, losing and finding things - use linking words for contrast, such as *although, but, however, on the other hand*. Be aware of their position in sentences - use linking words to organize text, *such as to start, after that, then, next finally* - use a range of vocabulary for describing graphs - provide definitions of difficult vocabulary in presentations, using expressions such as '*what I mean is…' 'that's when…'*	Writing, reading, and vocabulary exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam
2.0	**Skills**		
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple and complex written texts at the B1 level through applying the skills of scanning, skimming, guessing from context and through recognizing linking words. - use scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts	Reading comprehension exercises	Classroom discussion Midterm exam Final exam
2.1.2	compose coherent/cohesive texts at the B1 level for various general and academic purposes through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write short texts, such as a travel post, an ad to request something, etc - write an email, brief life story or short story of more than one paragraph - write short texts expressing a point of view, feelings or opinion - write a description of a trend (describing statistics), using notes - write complex sentences	Writing exercises	Continuous writing assessment Writing Final Exam
2.1.3	communicate effectively in spoken language at the B1 level in tasks such as oral presentations, group discussion,	Speaking exercises Discussion Presentation, eg an	Continuous speaking assessment

	expressing opinions, and short talks. - discuss familiar and unfamiliar topics - reach a common consensus, eg who should be class leader - give short presentations - rank items in order of importance	advertisement, a tourist campaign, a YouTube video	
2.2	**Critical Thinking** - develop well-reasoned, persuasive arguments - analyze sources of information when conducting research - evaluate things from a different perspective, e.g. what makes other people happy - evaluate and rank items according to usefulness or importance - evaluate arguments (evidence of support or relevance) - analyze advantages and disadvantages - infer meaning from written or spoken text - identify a specific audience and consider their need - appraise a text according to criteria, and provide feedback - identify inconsistencies and errors - appraise arguments - understand the links between ideas - organize ideas in a logical, systematic way - evaluate problems and propose solutions	Discussion Q & A	
2.3	**Communication, Information Technology, Numerical** - research, discuss and present information - describe and give personal opinions on a variety of topics - express general beliefs - paraphrase where needed - give recommendations - present persuasively	Demonstrations Active self-learning Pair work Group work e-learning Online material (Encourage students to make their presentations to small groups in the class)	Monitoring students' progress Evaluating the individual contribution Evaluating the teamwork Evaluating the final product (Evaluation of presentations may be by peers)
2.4	**Psychomotor** - give confident, persuasive presentations - use intonation to show mood: express agreement, surprise, etc. - stress new information - use linking and weak forms in sentences	Active self-learning Pair work Group work	Monitoring students' progress

3.0	**Values**		
	develop life-long learning strategies so	Cambridge application	Built-in immediate

3.1	that students can take full responsibility of their English language skill development.	Cambridge LMS	feedback
3.2	develop academic integrity.	Writing exercises	Continuous writing assessment Continuous speaking assessment Writing Final Exam
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to brainstorm, create a convincing argument - give feedback to peers on writing, presentations, etc - ask for opinions and check information	Peer work Group work	Evaluating the individual contribution Evaluating the teamwork Evaluating the final product
3.4	take the responsibilities to meet the requirements of the jobs market: - write a personal statement - explain changes and trends from data - use an appropriate opening and closing for a formal email	Individual, peer and group work inside classrooms. Extramural language work to master the competencies at this language level.	Monitoring students' progress

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	The 5th	30
2	Listening Mid-term Exam	The 6th	5
3	Online Practice	from the 1st to the 10th	5
4	Continuous speaking assessment	from the 1st to the 10th	5
5	3 Quizzes (average)	3rd/ 6th/ 9th	5
6	Listening Final Exam	from the 1st to the 10th	5
7	Final Exam	The 10th	45
	Total	The 11th	100

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Course instructors are ready to answer all students' queries during their lectures or during office hours and they can be reached by personal meeting, e-mails, WhatsApp or telegram.
All students have the e-mail and office hours of the course instructor through student handouts distributed to the student at the beginning of each semester.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hendra, L., Ibbotson, M., O'Dell, K., Tilbury, A. (2019). Evolve 3: Special Edition. Student's Book with Practice Extra. Cambridge University Press. UK: Cambridge University Press.
Essential References Materials	Multimedia
Electronic Materials	Cambridge LMS
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms
Technology Resources (AV, data show, Smart Board, software, etc.)	data show, Smart Board, and Cambridge application
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Blackboard

G. Course Quality Evaluation

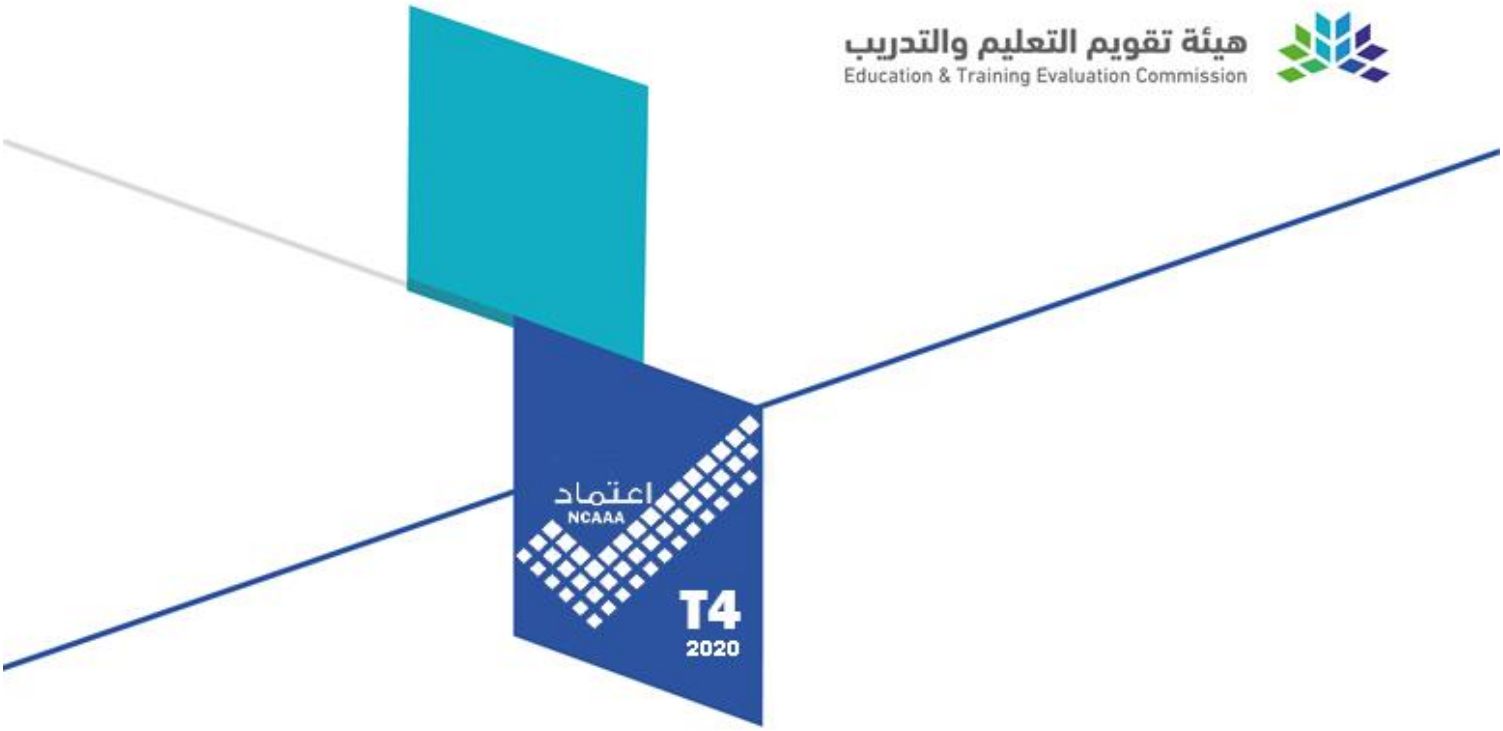
Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	Faculty members	Direct: Course reports
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	University students	Direct: Evaluation surveys

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Curriculum and Accreditation Committees
Reference No.	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



توصيف المقرر الدراسي

اسم المقرر:	التقنية الرقمية
رمز المقرر:	DS 1101
البرنامج:	متطلب جامعة
القسم العلمي:	علم المعلومات
الكلية:	الحاسب الآلي ونظم المعلومات
المؤسسة:	جامعة أم القرى

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أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: 2
2. نوع المقرر أ. متطلب جامعة [P] متطلب كلية [ ] متطلب قسم [ ] أخرى [ ] ب. إجباري [P] اختياري [ ]
3. السنة / المستوى الذي يقدم فيه المقرر
4. المتطلبات السابقة لهذا المقرر (إن وجدت) لا يوجد
5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**		
2	**التعليم المدمج**		
3	**التعليم الإلكتروني**	2	%100
4	**التعليم عن بعد**		
5	**أخرى**		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	2
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يهدف هذا المقرر إلى تعريف الطالب بالمفاهيم الأساسية للأجهزة والمواد الرقمية، البرمجيات، ومفاهيمها، وتطبيقاتها. حيث يشمل تناول الموضوعات التالية: أنظمة الكمبيوتر التشغيلية، وتعريفات حول هندسة البرمجيات، مستودع البيانات الضخمة والخدمات السحابية، التقنيات المختلفة التي تستخدمها الشركات لبناء وتشغيل تطبيق أي مشروع، تعريف بأهم تطبيقات الهواتف المحمولة والشبكات وكيفية نقل المعلومات، أساسيات انترنت الأشياء والتعريف بتكنولوجيا الروبوتات وكيفية محاكاة الذكاء البشري والتعريف بأهمية الوعي المعلوماتي وأمن المعلومات.

2. الهدف الرئيس للمقرر

يهدف المقرر إلى تعريف الطالب بالمصطلحات والمفاهيم الأساسية والتقنيات الحديثة المتعلقة باستخدام الحاسب الآلي.
إضافة إلى ذلك، فإن زياد الوعي المعلوماتي فيما يتعلق بأهم التطبيقات المتعلقة بالتقنية الحديثة والمستخدمة لإنجاز المهام اليومية الأساسية بفاعلية يعتبر أحد الأهداف الرئيسة لهذا المقرر.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	التعرف على المفاهيم الأساسية لإدارة أنظمة الحاسب الالي والهواتف الذكية التشغيلية	
1.2	مناقشة أهم تطبيقات الحاسب الالي المختلفة وتصنيفاتها ومستودعات المعلومات الضخمة	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.3	التعرف على أنواع الشبكات والشبكة العنكبوتية	
1.4	استنباط وتمييز طرق الاستخدام الآمن والغير آمن للتقنية	
2	**المهارات**	
2.1	تطبيق التقنيات الرقمية الحديثة لحل المشكلات	
2.2	اختيار طرق الاستخدام الآمنة للتقنية وتطبيقها بفعالية وكفاءة	
3	**القيم**	
3.1	تطبيق الجوانب الأخلاقية بحقوق الملكية والخصوصية	
3.2	المشاركة في المناقشة بفعالية في فريق العمل	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	أنظمة الحاسب الآلي التشغيلية	2
2	التقنيات الناشئة والعمل عبر الانترنت	2
3	قواعد المعلومات والخدمات السحابية	2
4	التقنيات المختلفة لبناء وتشغيل تطبيقات الحاسب الآلي	2
5	تطبيقات الهواتف المحمولة	2
6	الانترنت والشبكات	2
7	الذكاء الاصطناعي	2
8	انترنت الأشياء وتكنولوجيا الروبوتات	2
9	التحول الرقمي	2
10	الوعي المعلوماتي وأمن المعلومات	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1	**المعرفة والفهم**		
1.1	التعرف على المفاهيم الأساسية لإدارة أنظمة الحاسب الالي والهواتف الذكية التشغيلية	محاضرات، قراءات و تعلم ذاتي، التدريبات والانشطة في قاعة الدرس و خارجها، المواقع والأدوات المتوفرة عبر شبكة الانترنت	مناقشات عبر منصة التعليم الالكترونية
1.2	مناقشة أهم تطبيقات الحاسب الالي المختلفة وتصنيفاتها ومستودعات المعلومات الضخمة	محاضرات، قراءات و تعلم ذاتي، التدريبات والانشطة في قاعة الدرس و خارجها، المواقع والأدوات المتوفرة عبر شبكة الانترنت	مناقشات عبر منصة التعليم الالكترونية
1.3	التعرف على أنواع الشبكات والشبكة العنكبوتية	محاضرات، قراءات و تعلم ذاتي، التدريبات والانشطة في قاعة الدرس و خارجها، المواقع والأدوات المتوفرة عبر شبكة الانترنت	مناقشات عبر منصة التعليم الالكترونية
1.4	استنباط وتمييز طرق الاستخدام الآمن والغير آمن للتقنية	محاضرات، قراءات و تعلم ذاتي، التدريبات والانشطة في قاعة الدرس و خارجها،	مناقشات عبر منصة التعليم الالكترونية

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
		المواقع والأدوات المتوفرة عبر شبكة الانترنت	
2	**المهارات**		
2.1	تطبيق التقنيات الرقمية الحديثة لحل المشكلات	تعلم ذاتي، التدريبات والأنشطة، التطبيق العملي	مناقشات عبر منصة التعليم الالكترونية و الواجبات الأسبوعية
2.2	اختيار طرق الاستخدام الآمنة للتقنية وتطبيقها بفعالية وكفاءة	البحث الذاتي، الاقتناء عبر مواقع شبكة الانترنت	الواجبات الأسبوعية
3	**القيم**		
3.1	تطبيق الجوانب الأخلاقية بحقوق الملكية والخصوصية	مناقشات عبر المنصة	مناقشات عبر منصة التعليم الالكترونية و الواجبات الأسبوعية
3.2	المشاركة في المناقشة بفعالية في فريق العمل	مناقشات عبر المنصة	مناقشات عبر منصة التعليم الالكترونية و الواجبات الأسبوعية

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	واجبات (عبر منصة التعليم الالكترونية)	2 - 10	%20
2	اختبار تحريري نصفي	6 – 7	%20
3	اختبار تحريري نهائي	11	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

يتم تخصيص ساعات مكتبية أسبوعية بمعدل ساعة أسبوعيا على الأقل
إرشاد الطالب إلى بعض المواقع الإلكترونية للإفادة منها. عقد حلقات نقاش بحثية يتم من خلالها شرح وتحليل بعض تطبيقات الحاسب الالي المستخدمة في حياتنا اليومية من خلال تطبيقات الأجهزة الذكية.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	• كتاب أساسيات الحوسبة – خالد بكرو (2021) • On the Foundation of Computing, Giuseppe. P (2020), Oxford University Press
المراجع المساندة	• الأمن السيبراني مفهومه وخصائصه وسياسته – خالد سعد الشايع (2019) • الحاسب الآلي واستخداماته في التعليم – أولفت محمد فودة (2018) • اتجاهات في آمن المعلومات وأنواعها – ساري محمد الخالد (2018) • فضاءات البيانات الضخمة – عبد مرزوق الظهوري وفاطمة سعيد سالم (٢٠٢١) • الذكاء الاصطناعي ثورة في تقنيات العصر – أحمد حبيب بلال وعبد الله موسي (٢٠١٩) • أخلاقيات المعلومات - لوسيانو فلوريدي (٢٠١٩)
المصادر الإلكترونية	تحدد لاحقاً

أخرى	

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	معامل افتراضية نظام تعلم الكتروني
تجهيزات أخرى (تبعاً لطبيعة التخصص)	

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	الطلبة	استبيان
فاعلية طرق تقييم الطلاب	المراجع النظير	استبيان
مدى تحصيل مخرجات التعلم للمقرر	أعضاء هيئة التدريس	مباشرة، تقارير، استبيان
مصادر التعلم	المراجع النظير	استبيان

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Fundamental Design Principles Studio**
Code:	**ARC 1003**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN13

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **1** Level **3**

4. Pre-requisites for this course (if any)**:**

ARC 1002 Architectural Formation Principles Studio 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is an introduction to the fundamentals of architectural design through applying design process and methods. Students begin by studying different building types and their relationship to form and function. Finally, they apply the principles of designing housing units while keeping in mind the social and cultural aspects of the Saudi society.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of various ways of representing the built environment. Make design decisions considering user requirements and various environmental impacts. Employ manual skills to develop and present projects. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
	2. Skills	
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	**S1**
2.2	Employ manual skills to develop and present projects. (S4-a)	**S4**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	The design process definition	**10**
2	Functional relationships	**10**
3	Principles of house design	**10**
4	Introduction to the housing unit project	**10**
5	Development of housing unit plans	**10**
6	Geometric projection and architectural design of sections	**10**
7	Architectural character and elevations design	**10**
8	Geometric projection and architectural design of elevations	**10**
9	Isometric or perspective drawing of the housing unit	**10**
10	Following up the implementation	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Eval. of Project(s)
1.2	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	Direct Learning (Lecture)	Direct Observation
2.2	Employ manual skills to develop and present projects. (S4-a)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell. De Chiara, J., Panero, J., & Zelnik, M. (2011). Time-saver standards for housing and residential development. McGraw-Hill.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

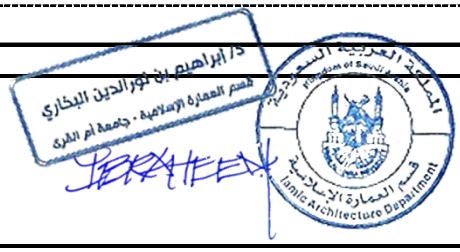
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Buildings Design Standards 1**
Code:	**ARC 1314**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**1**	Level	**3**	

4. Pre-requisites for this course (if any)**:**

ARC 1308 Design Process and Methods

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**3**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**30**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**30**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces knowledge and skills in analyzing buildings elements and identifying the design standards and considerations of different types of simple buildings; such as villas, child daycare centers, schools, restaurant, etc.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**3**
2	Design standards for houses and residential buildings - part 1	**3**
3	Houses and residential buildings - part 2	**3**
4	Educational buildings: Child daycare centers and schools	**3**
5	Educational buildings: Libraries	**3**
6	Restaurants	**3**
7	Motels	**3**
8	Small Banks	**3**
9	Fire stations	**3**
10	Malls	**3**
Total	None	**30**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
Essential References Materials	Perkins, L. (2010). Building type basics for elementary and secondary schools. John Wiley & Sons.
	Kobus, R., et al. (2008). Building type basics for healthcare facilities. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

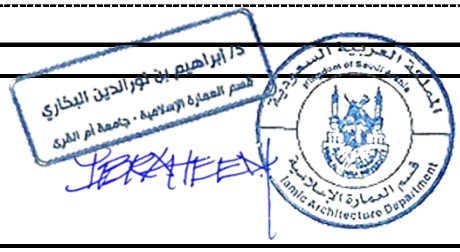
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

اعتماد NCAAA T4 2020

Course Specifications

Course Title:	Physics for Architects
Course Code:	PHY 1115
Program:	Bachelor of Architecture and Planning
Department:	Physics Department
College:	College of Applied Sciences
Institution:	Umm Al-Qura University

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A. Course Identification **3**

6. Mode of Instruction (mark all that apply) 3

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D. Teaching and Assessment **4**

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E. Student Academic Counseling and Support **5**

F. Learning Resources and Facilities **5**

1.Learning Resources 5

2. Facilities Required 5

G. Course Quality Evaluation **5**

H. Specification Approval Data **6**

A. Course Identification

1. Credit hours: 2
2. Course type **a.** University ☐ College ☐ Department ☒ Others ☐ **b.** Required ☒ Elective ☐
3. Level/year at which this course is offered: Year 1 Level 3
4. Pre-requisites for this course (if any)**:**
5. Co-requisites for this course (if any)**:**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	2	100%
2	**Blended**	0	0%
3	**E-learning**	0	0%
4	**Distance learning**	0	0%
5	**Other**	0	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	20
2	**Practical**	0
3	**Studio**	0
4	**Research**	0
5	**Training**	0
	Total	20

B. Course Objectives and Learning Outcomes

1. Course Description

The course will cover some principles of general physics, such as measurements, motion in one dimension, Newton's laws, work and energy.

2. Course Main Objective

After completing this course student should be able to:

1. Define the concepts of the measurements, length, time, and weight.
2. Define the concepts of force and gravity.
3. Apply Newton's laws of motion to calculate the position, velocity and acceleration.
4. Differentiate between Work, Energy, and power.

3. Course Learning Outcomes

	CLOs	Aligned-PLOs
1	**Knowledge and understanding**	
1.1	Define the physical quantities related to the measurement, motion in one dimension, Newton's law of motion, work and energy .	K1
1.2	Describe the concepts and physical laws related to the measurement, motion in one dimension, Newton's law of motion, work and energy using the mathematical formula.	K2
2	**Skills:**	
2.1	Apply physics laws to solve problems associated with the built environment.	S1
3	**Values:**	
3.1	Demonstrate self-discipline and punctuality.	V1

C. Course Content

No	List of Topics	Contact Hours
1	**Measurements** • The international system of units. • Changing units	**2**
	Vectors • Vectors and Scalars • Adding Vectors Geometrically • Components of Vectors • Unit Vectors • Adding Vectors by Components • Multiplying Vectors	**4**
2	**Motion a straight line** • Motion • Position and displacement • Average velocity and average speed. • Instantaneous velocity and speed. • Acceleration • Free fall acceleration	**4**
3	**Force and Motion** • Newton’s First Law • Force • Mass • Newton’s Second Law • Newton’s Third Law • Applying Newton’s Laws • Friction (static and dynamic coefficients)	**6**
4	**Kinetic energy and work** • Kinetic Energy • Work and Kinetic Energy • Work done by gravitational force • Power	**4**
	Total	20

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Define the physical quantities related to the measurement, motion in one dimension, Newton's law of motion, work and energy .	1. Demonstrating the basic principles through lectures. 2. Discussing phenomena with illustrating pictures and diagrams. 3. Lecturing method: ● Board, Power point. ● Discussions ● Brain storming ● Start each chapter by general idea and the benefit of it.	1. Solve some examples during the lecture. 2. Discussions during the lectures 3. Exams: a) Quizzes. b) Midterm exams. c) Final exam.
1.2	Describe the concepts and physical laws related to the measurement, motion in one dimension, Newton's law of motion, work and energy using the mathematical formula.		
2.0	**Skills**		
2.1	Apply physics laws to solve complicated problems associated with the built environment.	1. Solve some problems in physics during lectures. 2. Following some proofs during lectures. 3. Encourage students to participate in solving problems.	1. Solve some examples during the lecture. 2. Discussions during the lectures 3. Exams: a) Quizzes. b) Midterm exams. c) Final exam.
3.0	**Values**		
3.1 3.2	Demonstrate self-discipline and punctuality.	● Give students tasks of duties.	● Evaluate the efforts of each student in his performance in these tasks via reports or homework … etc.

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	midterm	30 %
2	HomeWorks & Quizzes	All weeks	20 %
3	Final Exam	End of the semester	50%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Each student will be supervised by academic adviser in Physics Department and the time table for academic advice were given to the student each semester. (4 hrs per week)

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Halliday & Resnick, Jearl Walker, "Fundamentals of Physics" 10th Edition (2018)
Essential References Materials	
Electronic Materials	1. Physics is Beautiful | Free, interactive physics lessons 2. Khan Academy Physics | Physics videos 3. The Feynman Lectures on Physics 4. PhET Simulations | Online physics simulations
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	● Classroom ● Library
Technology Resources (AV, data show, Smart Board, software, etc.)	● Data show ● whiteboard
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

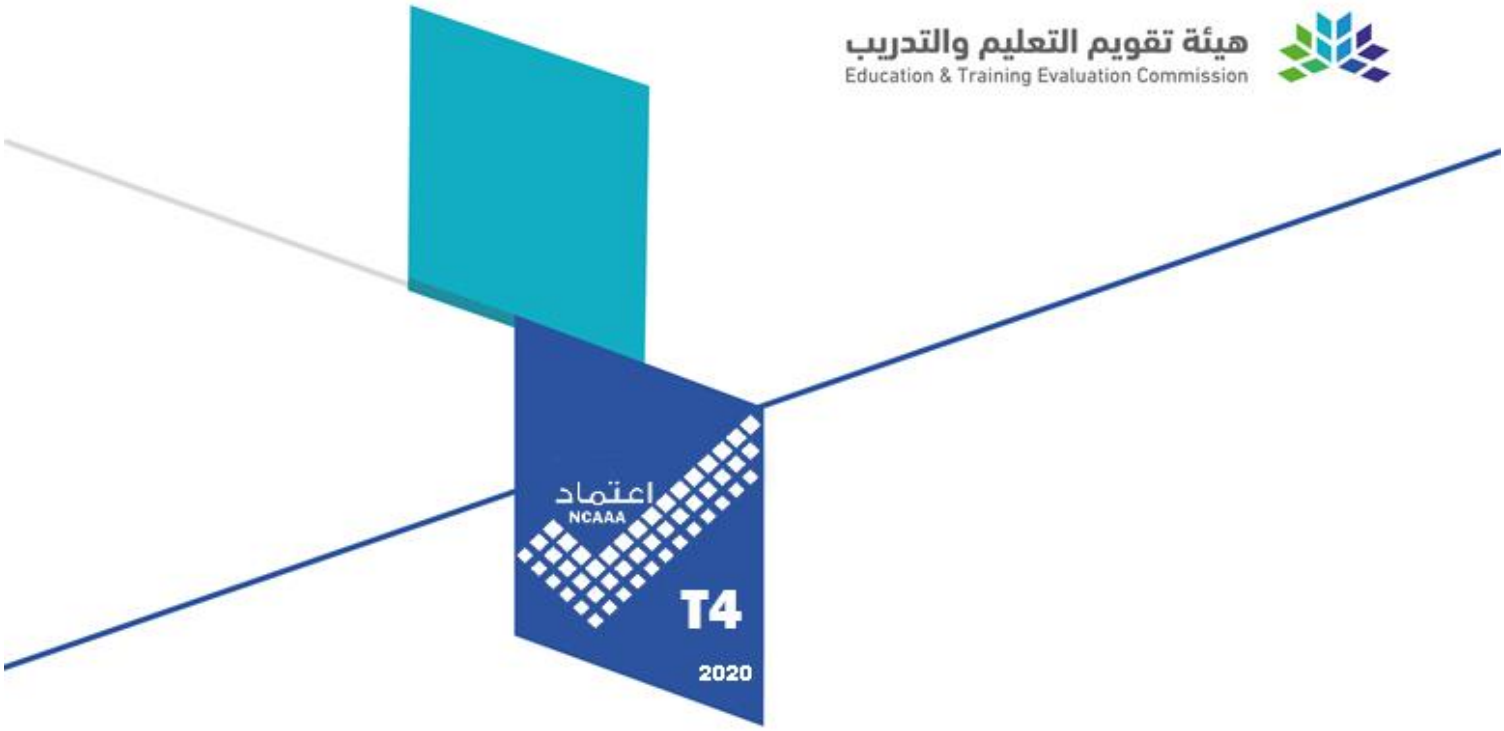
Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching Strategies	Students	Questionnaire
Effectiveness of student assessment	Instructor	Exams
Extent of achievement of course learning outcomes	Instructor	Course report
Quality of learning resources	Instructor	Course report

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	English Language 3
Course Code:	ELCN1303
Program:	Bachelor of Architecture and Planning
Department:	English Language Centre
College:	English Language Centre
Institution:	Umm Al Qura University

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F. Learning Resources and Facilities **11**

1.Learning Resources 11

2. Facilities Required 11

G. Course Quality Evaluation **11**

H. Specification Approval Data **12**

A. Course Identification

1. Credit hours: 4 hours
2. Course type **a.** University ☐ College ■ Department ☐ Others ☐ **b.** Required ■ Elective ☐
3. Level/year at which this course is offered: 1st Year
4. Pre-requisites for this course (if any)**:** Non-EMI Colleges – English Language 1 & Non-EMI Colleges – English Language 2
5. Co-requisites for this course (if any)**:** N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	6 hours per week	60%
2	**Blended**	10 hours per week	100%
3	**E-learning**	4 hours per week	40%
4	**Distance learning**	0	0
5	**Other**	0	0

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	(10 hours) X (10 weeks)
2	**Laboratory/Studio**	0
3	**Tutorial**	0
4	**Others** (specify)	0
	Total	100 hours

B. Course Objectives and Learning Outcomes

1. Course Description

English Language 2 is a single-level, English for General Purposes (EGP) course. All students who are admitted to Bachelor in the Non-EMI Colleges (College of Islamic Economics and Finance, Department of Islamic Architecture) are required to take this course in the third semester of the first year of their program. The course is offered in 10 weeks with a 10-hour-per week teaching plan covering the four language skills. It intends to develop students' knowledge and ability of English language in all major skills which include reading, writing, listening, and speaking, as well as in sub-skills including grammar, vocabulary, and pronunciation.

2. Course Main Objective

English Language 2 is one level taking students to (CEFR) B1

3. Course Learning Outcomes

CLOs	
1.0	**Knowledge**
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of simple and complex spoken materials at the B1 level through recognizing key words, stress, intonation, pauses, and linkers in fast speech. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, discussions and interviews - identify main ideas and supporting ideas - develop listening for detail, examples and reasons - listen for opinions, attitude, and identify fact from opinion - recognize how discourse markers help identify main points, especially in academic discussions, presentations and lectures
1.2	demonstrate an understanding of grammar at the B1 level, incorporating tenses, part of speech, modal auxiliaries, and sentence structure. - use *used to* for past habits - use *as … as* for similarities and *not as … as* for comparisons - use present perfect continuous when describing recent activity - be aware of the difference in use of the present perfect simple and continuous - use modals for necessity, prohibition, permission and obligation - use present and past passive tenses to describe a product and where it comes from - use conditionals for present and future unreal conditions to talk about imaginary situations or to express wishes
1.3	recognize and use lexical items such as words, collocations, and derivatives, both in general and academic contexts at the B1 level. - develop vocabulary of the topics covered in order to be able to talk about them with others - develop a bank of vocabulary for functional use, such as for refusing invitations and responding to refusals, describing progress, expressing confidence or lack of it - use linking words for contrast, such as *although, but, however, on the other hand*. Be aware of their position in sentences and whether they are used in formal or informal texts - use *this* and *these* for referencing within a text - be aware of collocations, such as *significant advantage, key point*, and how they can help to follow and understand a talk - be aware of the different types of phrasal verb
2.0	**Skills**
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple and complex written texts at the B1 level through applying the skills of scanning, skimming, guessing from context and through recognizing linking words. - use scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts
2.1.2	compose coherent/cohesive texts at the B1 level for various general and academic purposes through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write short texts, such as an ad for a local product, an opinion on a podcast etc. - write an email, movie review or anecdote of more than one paragraph - write a short essay giving opinions with support in formal (academic) writing - write a description of a trend (describing statistics), using notes - write complex sentences - use a variety of linking words - use parallelism for bullet points in presentations and resumés

CLOs	
2.1.3	communicate effectively in spoken language at the B1 level in tasks such as oral presentations, group discussion, expressing opinions, and short talks. - discuss familiar and unfamiliar topics - reach a common consensus, e.g. when ranking profiles - discuss topics and react to the discussion - give short presentations, e.g. on a commercial for a product - show interest using short questions
2.2	**Critical Thinking** - develop well-reasoned, persuasive arguments - analyze sources of information when conducting research - evaluate things from a different perspective, eg what makes other people happy - evaluate and rank items according to usefulness or importance - evaluate arguments (evidence of support or relevance) - analyze advantages and disadvantages - infer meaning from written or spoken text - identify a specific audience and consider their need - appraise a text according to criteria, and provide feedback - identify inconsistencies and errors - evaluate the approach of others and reflect on personal assumptions, beliefs and values - understand the links between ideas - organize ideas in a logical, systematic way - evaluate problems and propose solutions - reflect on knowledge gained
2.3	**Communication, Information Technology, Numerical** - research, discuss and present information - describe and give personal opinions on a variety of topics - express general beliefs - paraphrase where needed - give recommendations - present persuasively
2.4	**Psychomotor** - give confident, persuasive presentations -take part in a role play -use intonation to show mood: express agreement, surprise, confidence, trepidation, etc -use contrastive stress -be aware of 'chunking' in speech -use linking and weak forms in sentences
3.0	**Values**
3.1	develop life-long learning strategies so that students can take full responsibility of their English language skill development.
3.2	develop academic integrity.
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to brainstorm, create a convincing argument - give feedback to peers on writing, presentations, etc. - ask for opinions and check information
3.4	take the responsibilities to meet the requirements of the jobs market: - write a resumé - be aware of the importance of good time management - give a presentation on your perfect job - discuss how to succeed - be aware of the importance of turn-taking in debates or discussions - be aware of learning from failure

C. Course Content

No	List of Topics	Contact Hours
Evolve 3 Special Edition: Level 3 (B1)		
7	Unit 7: Entertain Us Reading, TV and movies, declining invites, a movie review, children and technology, changing tastes Video: The history of cinema	
8	Unit 8: Getting There Recent activity, describing progress, catching up, time management, hobbies, a better life Video: Serious hobbies	
9	Unit 9: Make It Work College subjects, studying or working from home (WFH), confidence – or lack of it, a resumé, bilingual education, a perfect job Video: The college life	
10	Unit 10: Why We Buy 'Green' clothing, product origins, a good choice? Product feedback, souvenirs, psychology of shopping Video:	
11	Unit 11: Pushing Yourself Success, unreal situations, giving and responding to opinions, your comfort zone, the psychology of fear, success stories Video: Tricks of the ad world	
12	Unit 12: Life's Little Lessons Accidents, extreme experiences, describing and asking about feelings, an anecdote, learning a skill Video: Testing your physical limits	
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge**		
1.1	**By the end of the course, the students are expected to be able to:** exhibit adequate comprehension of simple and complex spoken materials at the B1 level through recognizing key words, stress, intonation, pauses, and linkers in fast speech. - understand the main ideas of conversations, presentations, radio programmes, news reports, podcasts, discussions and interviews - identify main ideas and supporting ideas - develop listening for detail, examples and reasons - listen for opinions, attitude, and identify fact from opinion - recognize how discourse markers help identify main points, especially in academic discussions, presentations and lectures	Listening exercises	Listening mid-term exam Listening final exam
1.2	demonstrate an understanding of grammar at the B1 level, incorporating tenses, part of speech, modal auxiliaries, and sentence structure. - use *used to* for past habits - use *as … as* for similarities and *not as … as* for comparisons - use present perfect continuous when describing recent activity - be aware of the difference in use of the present perfect simple and continuous - use modals for necessity, prohibition, permission and obligation - use present and past passive tenses to describe a product and where it comes from - use conditionals for present and future unreal conditions to talk about imaginary situations or to express wishes	Grammar exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam
1.3	recognize and use lexical items such as words, collocations, and derivatives, both in general and academic contexts at the B1 level. - - develop vocabulary of the topics covered in order to be able to talk about them with others - develop a bank of vocabulary for functional use, such as for refusing invitations and responding to refusals, describing progress, expressing confidence or lack of it - use linking words for contrast, such as *although, but, however, on the other hand*. Be aware of their position in sentences and whether they are used in formal or informal	Writing, reading, and vocabulary exercises	Midterm Exam Continuous writing assessment Continuous speaking assessment Quizzes Writing Final Exam Final Exam

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	texts - use *this* and *these* for referencing within a text - be aware of collocations, such as *significant advantage*, *key point*, and how they can help to follow and understand a talk - be aware of the different types of phrasal verb		
2.0	**Skills**		
2.1 2.1.1	**Cognitive Skills:** demonstrate comprehension of simple and complex written texts at the B1 level through applying the skills of scanning, skimming, guessing from context and through recognizing linking words. - use scanning (to find information quickly) and skimming skills (to predict the meaning of the text from visuals, titles or common words) - identify the author or speaker's audience and purpose - read for opinions, attitude, and identify fact from opinion - understand meaning from context in both written and spoken texts	Reading comprehension exercises	Classroom discussion Midterm exam Final exam
2.1.2	compose coherent/cohesive texts at the B1 level for various general and academic purposes through applying the skills of brainstorming ideas, composing an outline, and editing/revision. - write short texts, such as an ad for a local product, an opinion on a podcast etc. - write an email, movie review or anecdote of more than one paragraph - write a short essay giving opinions with support in formal (academic) writing - write a description of a trend (describing statistics), using notes - write complex sentences - use a variety of linking words - use parallelism for bullet points in presentations and resumés	Writing exercises	Continuous writing assessment Writing Final Exam
2.1.3	communicate effectively in spoken language at the B1 level in tasks such as oral presentations, group discussion, expressing opinions, and short talks. - discuss familiar and unfamiliar topics - reach a common consensus, e.g. when ranking profiles - discuss topics and react to the discussion - give short presentations, e.g. on a commercial for a product - show interest using short questions	Speaking exercises Discussion Presentation, eg an advertisement, a tourist campaign, a YouTube video	Continuous speaking assessment

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.2	**Critical Thinking** develop well-reasoned, persuasive arguments - analyze sources of information when conducting research - evaluate things from a different perspective, eg what makes other people happy - evaluate and rank items according to usefulness or importance - evaluate arguments (evidence of support or relevance) - analyze advantages and disadvantages - infer meaning from written or spoken text - identify a specific audience and consider their need - appraise a text according to criteria, and provide feedback - identify inconsistencies and errors - evaluate the approach of others and reflect on personal assumptions, beliefs and values - understand the links between ideas - organize ideas in a logical, systematic way - evaluate problems and propose solutions - reflect on knowledge gained		
2.3	**Communication, Information Technology, Numerical** - research, discuss and present information - describe and give personal opinions on a variety of topics - express general beliefs - paraphrase where needed - give recommendations - present persuasively	Demonstrations Active self-learning Pair work Group work e-learning Online material (Encourage students to make their presentations to small groups in the class)	Monitoring students' progress Evaluating the individual contribution Evaluating the teamwork Evaluating the final product (Evaluation of presentations may be by peers)
2.4	**Psychomotor** - give confident, persuasive presentations - take part in a role play - use intonation to show mood: express agreement, surprise, confidence, trepidation, etc - use contrastive stress - be aware of 'chunking' in speech - use linking and weak forms in sentences	Active self-learning Pair work Group work	Monitoring students' progress

3.0	Values		
3.1	develop life-long learning strategies so that students can take full responsibility of their English language skill development.	Cambridge application Cambridge LMS	Built-in immediate feedback
3.2	develop academic integrity.	Writing exercises	Continuous writing assessment Continuous speaking assessment Writing Final Exam
3.3	collaborate in knowledge building and co-operate with peers: - hold short discussions with a partner to activate knowledge before listening tasks - hold short discussions with a partner to synthesize knowledge post-listening - work with others to brainstorm, create a convincing argument - give feedback to peers on writing, presentations, etc. - ask for opinions and check information	Peer work Group work	Evaluating the individual contribution Evaluating the teamwork Evaluating the final product
3.4	take the responsibilities to meet the requirements of the jobs market: - write a resumé - be aware of the importance of good time management - give a presentation on your perfect job - discuss how to succeed - be aware of the importance of turn-taking in debates or discussions - be aware of learning from failure	Individual, peer and group work inside classrooms. Extramural language work to master the competencies at this language level.	Monitoring students' progress

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	The 5th	30
2	Listening Mid-term Exam	The 6th	5
3	Online Practice	from the 1st to the 10th	5
4	Continuous speaking assessment	from the 1st to the 10th	5
5	3 Quizzes (average)	3rd/ 6th/ 9th	5
6	Listening Final Exam	from the 1st to the 10th	5
7	Final Exam	The 10th	45
	Total	The 11th	100

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice: Course instructors are ready to answer all students' queries during their lectures or during office hours and they can be reached by personal meeting, e-mails, WhatsApp or telegram. All students have the e-mail and office hours of the course instructor through student handouts distributed to the student at the beginning of each semester.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hendra, L., Ibbotson, M., O'Dell, K., Tilbury, A. (2019). Evolve 3 Special Edition: Student's Book with Practice Extra. Cambridge University Press. UK: Cambridge University Press.
Essential References Materials	Multimedia
Electronic Materials	Cambridge LMS
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms
Technology Resources (AV, data show, Smart Board, software, etc.)	data show, Smart Board, and Cambridge application
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Blackboard

G. Course Quality Evaluation

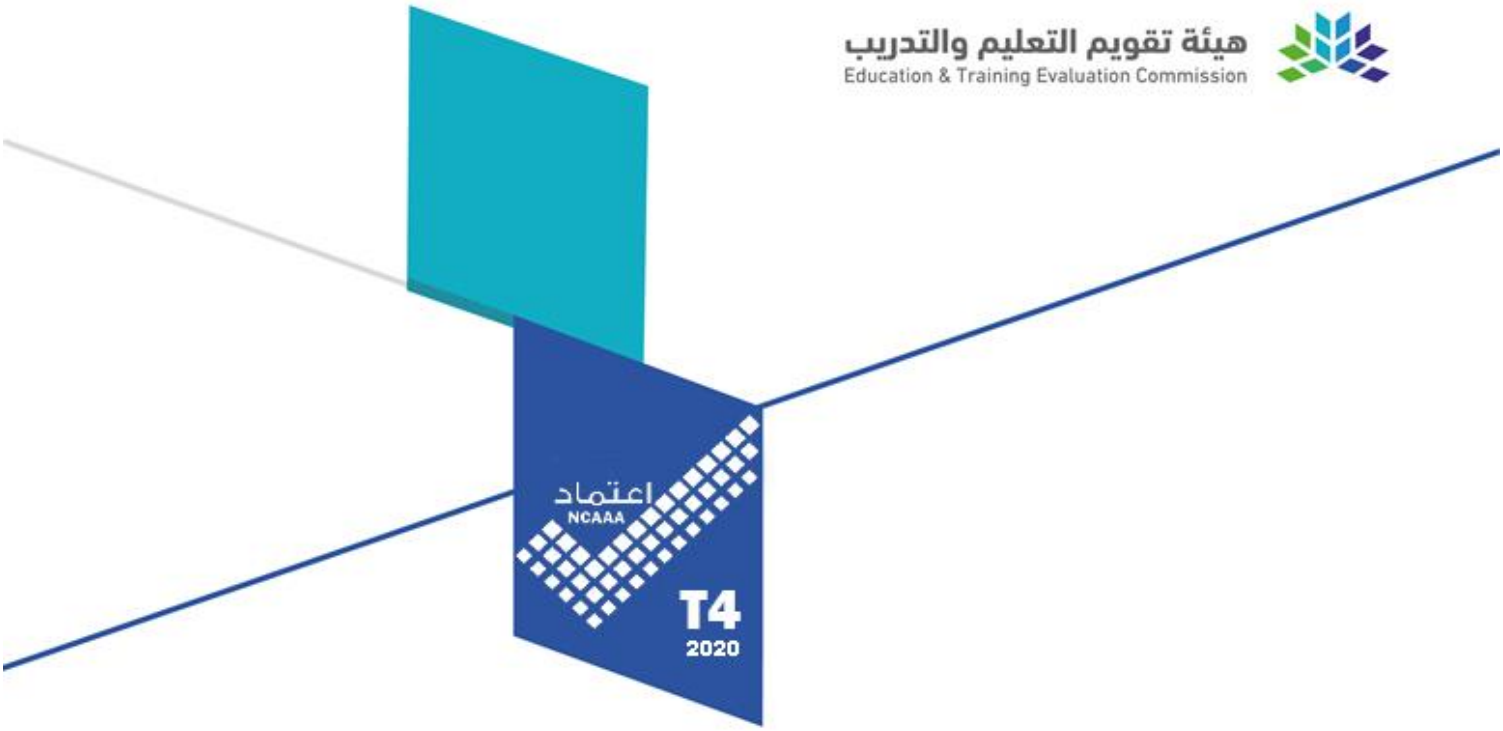
Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	Faculty members	Direct: Course reports
Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources.	University students	Direct: Evaluation surveys

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Curriculum and Accreditation Committees
Reference No.	
Date	Dec 30.2021

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



توصيف المقرر الدراسي

اسم المقرر:	القرآن الكريم (1)
رمز المقرر:	**(QR1101)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

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د. التدريس والتقييم: 5

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2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 6

و – مصادر التعلم والمرافق: 6

1. قائمة مصادر التعلم: 6
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 7

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الأولى

4. المتطلبات السابقة لهذا المقرر:

لايوجد

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يشمل المقرر على أربعة محاور:

1- حفظ نصف الجزء الثلاثين من القرآن: من سورة الأعلى إلى سورة الناس.

٢- تلاوة ثلاثة أجزاء: من سورة المجادلة إلى سورة الناس.

3- دراسة أحكام التَّجويد.

4- شرح غريب الكلمات: من سورة الأعلى إلى سورة الناس.

2. الهدف الرئيس للمقرر

تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله -عزَّ وجلَّ-، وفق طرق الأداء المعتبرة، مع حفظ حزب واحدٍ من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي، وتصحيح تلاوة سورتي الأعلى والغاشية مع التَّكليف بحفظهما مع شرح غريب القرآن.	2
2	تسميع سورتي الأعلى والغاشية، تصحيح تلاوة سورتي الفجر والبلد مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سورتي المجادلة والحشر، شرح درس التجويد (باب أحكام النون الساكنة والتنوين).	2
3	تسميع سورتي الفجر والبلد، تصحيح تلاوة سورتي الشمس والليل مع التَّكليف بحفظهما. مع شرح غريب القرآن، تلاوة سورة الممتحنة والصف والجمعة.	2
4	تسميع سورتي الشمس والليل، تصحيح تلاوة سور الضحى، الشرح، التين، مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة المنافقون، التغابن والطلاق، شرح درس التجويد (باب أحكام الميم الساكنة).	2
5	تسميع سور الضحى، الشرح، التين، تصحيح تلاوة سورتي العلق والقدر مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سور التحريم، والملك، والقلم.	2
6	تسميع سورتي العلق والقدر، تصحيح تلاوة سورتي البينة والزلزلة، مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الحاقة، والمعارج، ونوح، والجن، شرح درس التجويد (باب أحكام النون والميم المشددتين).	2
7	تسميع سورتي البينة والزلزلة، تصحيح تلاوة سور العاديات، والقارعة، والتكاثر، والعصر مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سور المزمل، والمدثر، والقيامة، والإنسان، والمرسلات.	2
8	تسميع العاديات، والقارعة، والتكاثر، والعصر، تصحيح تلاوة سور الهمزة، والفيل، وقريش، الماعون، والكوثر، والكافرون، والنصر والمسد، الإخلاص، والمعوذتين، مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سور النبأ، والنازعات، وعبس، والتكوير، والانفطار، والمطففين، والانشقاق.	2

9	تسميع سور الهمزة، والفيل، وقريش، والماعون، تلاوة من سورة البروج إلى سورة الناس.	2
10	تسميع سور الكوثر، والكافرون، والنصر والمسد، الإخلاص، والمعوذتين.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	**المشاركة وحفظ الآيات وتلاوتها**	مستمر	%20
2	**الاختبار النصفي**	السادس	%20
3	**الاختبار النهائي**	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

– ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
– مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلِّيَّة.
– مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
– إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
–تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
–إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
–توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
–المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و ـ مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	–القرآن الكريم. – الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. – التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	–قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. –التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	–

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
تقويم فاعليَّة استراتيجيات التَّدريس	أستاذ زميل يدرِّس نفس المقرَّر	مباشر: الزِّيارة للفصل وتقرير فاعليَّة

مجالات التقويم	المقيمون	طرق التقييم
المستخدمة		استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غير مباشر: استبانة تقييم المقرَّر المتاحة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Architectural Design Studio 1: Small Scale Public Buildings**
Code:	**ARC 1004**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **2**		Level **4**	
4. Pre-requisites for this course (if any)**:**							
ARC 1003 Fundamental Design Principles Studio							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Design studios are the heart of the Architecture track. This studio is concerned with small scale public buildings such as kindergarten, restaurant, post office, bank branch, fire station, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. This studio particularly enhances students' skills of hand drawing.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Employ manual skills to develop and present projects. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.3	Employ manual skills to develop and present projects. (S4-a)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Analysis of similar projects and site analysis	**10**
3	Preliminary study of the project and its components	**10**
4	Development of plans and structure system -Part 1	**10**
5	Development of plans and structure system -Part 2	**10**
6	Development of plans and structure system -Part 3	**10**
7	Development of sections and elevations -Part 1	**10**
8	Development of sections and elevations -Part 2	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Employ manual skills to develop and present projects. (S4-a)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

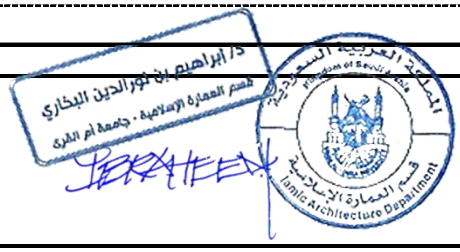
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

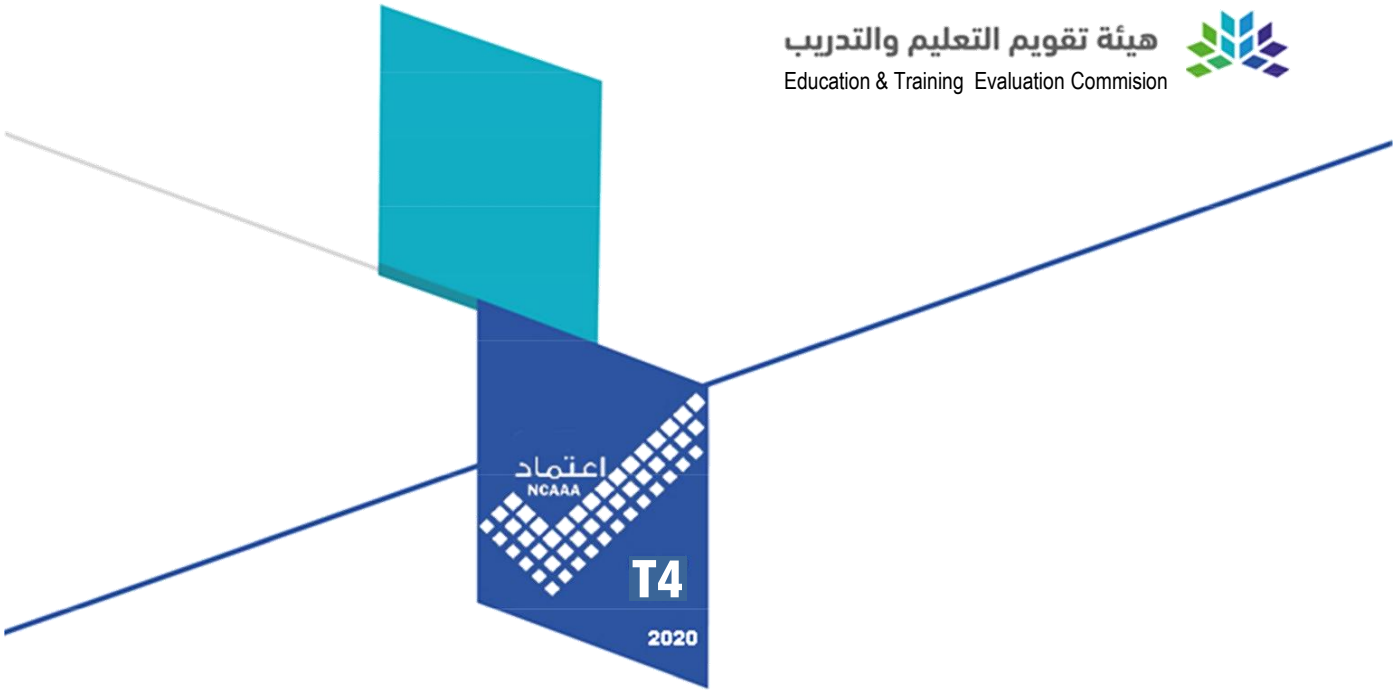
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Building Construction Studio 1: Site Preparation**
Code:	**ARC 1101**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**4**	

4. Pre-requisites for this course (if any)**:**

ARC 1003 Fundamental Design Principles Studio

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

Site preparation is always the first phase of any construction project. This studio places emphasis on process of construction site preparation, tools and equipment for site works, soil mechanics and foundations.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of technical installations in buildings. Explain the nature of construction industry. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
1.2	Explain the nature of construction industry. (K2-d)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Building site: Receiving, preparation and safety considerations	**6**
2	Site planning, temporary constructions and earthwork	**6**
3	Slope protection and retaining walls	**6**
4	Site drainage and paving	**6**
5	Equipment for site works	**6**
6	Transportation construction equipment	**6**
7	Soils: Types, properties, mechanics and testing	**6**
8	Foundations: Shallow foundations	**6**
9	Deep foundations - Part 1	**6**
10	Deep foundations - Part 2	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	Self–Learning (Research work)	Eval. of Research
1.2	Explain the nature of construction industry. (K2-d)	Direct Learning (Lecture)	Written & Drawing Exam
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Direct Learning (Lecture)	Assignments & Tasks
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning (Homework)	Assignments & Tasks
	3. Values		
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Eval. of Presentation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	70%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	10%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Bernold, L. (2015). Construction Equipment and Methods: Planning, Innovation, Safety. Wiley. Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold.
Essential References Materials	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson. Saudi building code National committee. (2018). Saudi Electrical Code: SBC 201.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

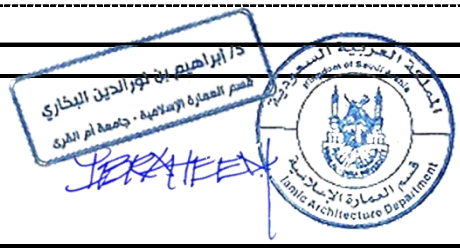
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Vector-based Drawing**
Code:	**ARC 1203**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**4**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to the fundamentals of Computer Aided Design, beginning with simple drafting commands and standard drafting methods to produce technical and standard 2D drawings.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction and course objectives	**4**
2	Using units and managing options	**4**
3	Drawing commands - Part 1	**4**
4	Drawing commands - Part 2	**4**
5	Editing commands - Part 1	**4**
6	Editing commands - Part 2	**4**
7	Organizing the drawings using layers and inquiry commands	**4**
8	Hatching, blocks and text techniques	**4**
9	Creating and editing dimensions	**4**
10	Printing drawings	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hamad, M. (2021). AutoCAD 2022 Beginning and Intermediate. Mercury Learning & Information. Shrock, C. (2021). Beginning AutoCAD® 2022 Exercise Workbook. Industrial Press.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector Internet connection Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

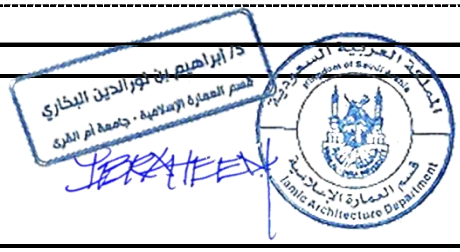
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Introduction to Landscape Architecture**
Code:	**ARC 1315**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **2** Level **4**

4. Pre-requisites for this course (if any)**:**

ARC 1003 Fundamental Design Principles Studio

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**4**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the student to the field of landscape architecture. The course includes various topics concerning the profession such as landscape design determinants and considerations, site furniture, landscape structures and outdoor accessibility standards. Through lectures accompanied with an application on a small project, students will acquire the skills to develop a conceptual design and preliminary details of landscape design of an outdoor space.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Create innovative concepts and forms for the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Foundations of landscape architecture: Concepts and forms	**4**
2	Landscape design determinants and considerations	**4**
3	Bioclimate fundamentals of landscape design	**4**
4	Plants and planting	**4**
5	Surfacing and paving	**4**
6	Outdoor lighting	**4**
7	Recreational facilities, pools and fountains	**4**
8	Pedestrian bridges, fences, screens, and walls	**4**
9	Outdoor accessibility standards	**4**
10	Conceptual design and details of landscape project	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Drawing Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Drawing Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Exam (Drawing Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Booth, N. (2011). Foundations of Landscape Architecture. Wiley. Bertauski, T. (2018). Plan graphics for the landscape designer. Waveland Press.
Essential References Materials	Shehata, A. (2021). Design of Outdoor Spaces. Universal Publishing Ltd. Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

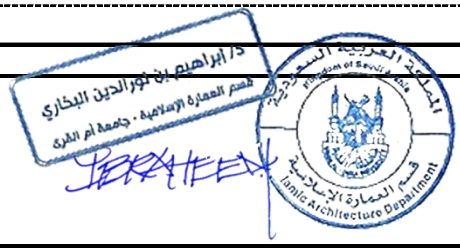
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architecture of Islamic Civilization**
Code:	**ARC 1310**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN23

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**4**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course will survey the architectural developments of different Muslim regions and dynasties throughout history. It acquaints the student with the urban characteristics of Islamic culture through the ages and increases the student's understanding of relationships between urban principles and Islamic values in art and architecture. Furthermore, this course enhances student awareness, appreciation, and respect of Muslim architecture, and to familiarize the student with vocabulary of Muslim architecture in order to generate and encourage interest in using and developing such elements.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the history of the built environment. Explain the impact of different aspects on the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to cities in Islamic civilization	**2**
2	Islamic house principles	**2**
3	Architecture of mosques	**2**
4	Umayyad Architecture	**2**
5	Fatimid Architecture	**2**
6	Ayyubid Architecture	**2**
7	Bahrid - Mamluk Architecture	**2**
8	Suljuq - Mamluk Architecture	**2**
9	Ottoman Period	**2**
10	Islamic public buildings	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Eval. of Research
	2. Skills		
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)		
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Grube, E. et al. (1995). Architecture of the Islamic World. Thames and Hudson. Fletcher, B. (2020). Sir Banister Fletcher's Global history of architecture. Bloomsbury Visual Arts.
Essential References Materials	Hakim, B. (2013). Arabic-Islamic cities. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

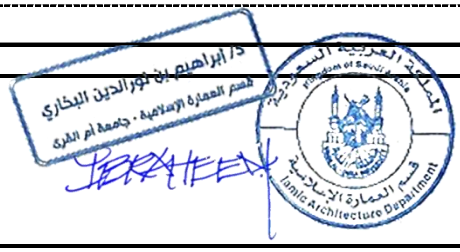
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Surveying**
Code:	**CE 1632**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN24

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**4**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**4**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on enabling students to handle site surveying instruments. Furthermore, it develops the skills of using basic site surveying techniques.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of engineering concepts relevant to the built environment . Solve complicated problems associated with the built environment. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	**K4**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Distance measurements by tape and its errors	**4**
2	Scale	**4**
3	Leveling and errors in leveling	**4**
4	Grid leveling	**4**
5	Theodolite	**4**
6	Direction and azimuth of lines	**4**
7	Profile leveling	**4**
8	Cross section leveling	**4**
9	Error and adjustments	**4**
10	Volume calculations	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	Direct Learning (Lecture)	Assignments & written Exams
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Indirect L. (Problems solving)	Assignments & written Exams
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
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c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Barry, F. & Mastin, T. (2012). Surveying: Principles and Applications. Pearson.
Essential References Materials	Wolf, R. & Ghilani, C. (2014). Elementary Surveying. Pearson. Ghilani, C. (2017). Elementary Surveying: An Introduction to Geomatics. Pearson.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

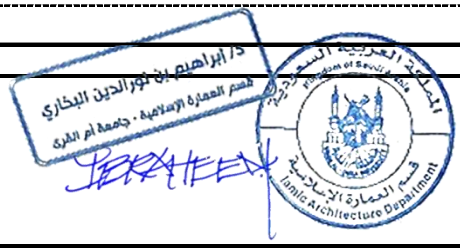
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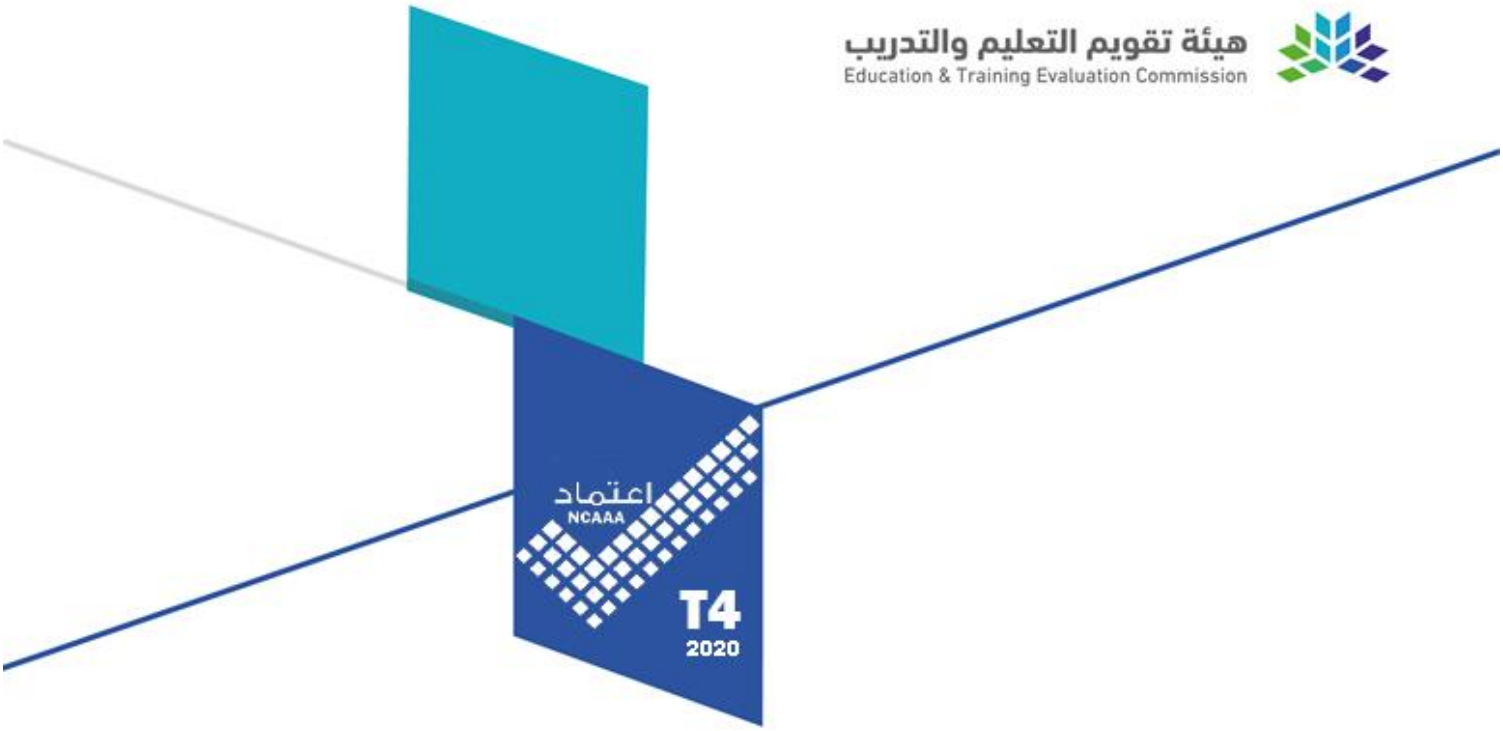
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

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Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٢)
رمز المقرر:	ICC2202
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

ب- هدف المقرر ومخرجاته التعليمية: ٣

١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

د. التدريس والتقييم: ٥

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٥

٢. أنشطة تقييم الطلبة ٥

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: ٦

و – مصادر التعلم والمرافق: ٦

١. قائمة مصادر التعلم: ٦

٢. المرافق والتجهيزات المطلوبة: ٦

ز. تقويم جودة المقرر: ٦

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:
٢. نوع المقرر أ. متطلب جامعة ☐ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐ ب. إجباري ☐ اختياري ☐
٣. السنة / المستوى الذي يقدم فيه المقرر
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) ثقافة إسلامية ١٠١
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يهتم هذا المستوى بربط الطالب بمصادر الدين: الكتاب والسنة، من خلال بيان حاجة الناس إلى هذه المصادر، وأهميتها، وحجيتها، وكيفية ثبوتها، وحفظها، وطرق تعظيمها، وكيفية التعامل معها.

٢. الهدف الرئيس للمقرر:

١- التعرف على مصادر المعرفة، ومجال كل منها.
٢- توضيح مصادر التشريع الإسلامي وأهميتها.
٣- تمييز مصادر التشريع وصلاحيتها لكل زمان ومكان.

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعرّف بالقرآن وكيفية نزوله وجمعه وقراءاته وإعجازه وطرق تفسيره	
1.2	يشرح معاني آيات سورة الحجرات	
1.3	يوضح مكانة السنة في التشريع وتدوينها وأهم مصطلحاتها ومصادرها ونماذج منها	
1.4	يقدم بنبذة مختصرة عن الإجماع والقياس والاجتهاد والفتوى	
2	**المهارات**	

مخرجات التعلم للمقرر		رمز مخرج التعلم المرتبط للبرنامج
2.1	يوضح أهم أوجه إعجاز القرآن	
2.2	يستنبط أهم الفوائد والأحكام من تفسير سورة الحجرات	
2.3	يرسم مخطط توضيحي لأقسام الحديث من حيث القبول والرد	
2.3	يشرح عشرة أحاديث مختارة من السنة النبوية	
3	**القيم**	
3.1	يعظم قدر النبي صلى الله عليه وسلم ويعرف مكانته وواجبه نحوه ونحو سنته ونحو مصادر التشريع الإسلامي	
3.2	يكون علاقات داخل الجامعة وخارجها قائمة على الاستقلالية وتحمل المسؤولية	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة ويبني من خلالها تعامله مع الآخرين بشكل مميز وحسن .	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مدخل إلى مصادر المعرفة**: يدرس الطالب في هذه المفردة مصادر المعرفة، والتي تكمن في: النقل، والعقل، والحس، والفطرة، ومفهوم كل منها، ومجالاتها، وأهميتها.	٢
٢	**الوحي**: يدرس الطالب في هذه المفردة تعريف الوحي، وصوره، وأدلة صدقه، وحاجة الناس إليه.	٢
٣	**مصادر التشريع**: في هذه المفردة سيدرس الطالب التعريف بالقرآن والسنة والإجماع والقياس كمصادر للتشريع في الإسلام.	٢
٤	**مدخل إلى القرآن الكريم**: هذه المفردة تتطرق لتعريف القرآن الكريم، وكيفية نزوله، ومراحل جمعه وتدوينه، خصائصه.	٢
٥	**واجبنا تجاه القرآن الكريم:** في هذه المفردة سيدرس الطالب أهم واجبات المسلم نحو القرآن الكريم. **التزكية بالقرآن الكريم:** في هذه المفردة سيدرس الطالب طرق التزكية بالقرآن الكريم وأثره في تصحيح الأخلاق والسلوك.	٢
٦	**مدخل إلى السنة النبوية**: في هذه المفردة سيدرس الطالب تعريف السنة، وأدلة حجيتها، ومراحل جمعها وتدوينها، وبيان مكانتها	٢
٧	**أقسام الحديث من حيث القبول والرد:** في هذه المفردة سيدرس الطالب: -أقسام الحديث الصحيح والحسن والضعيف، ومعرفة المقبول منها والمردود، إضافة إلى تعريفه بطرق البحث في المواقع الإلكترونية في مجال الحديث. **المنهج النقدي عند المحدثين**: -أبرز معالم المنهج الذي سلكه المحدثون في تنقيتهم للسنة النبوية مما شابها من الدخيل، وكيفية تمييزهم الصحيح من الضعيف، مع إلحاق ذلك بدراسة تطبيقية حول صحيح البخاري.	٢
٨	**واجبنا تجاه الرسول صلى الله عليه وسلم وسنته:** في هذه المفردة سيدرس الطالب أهم واجبات المسلم نحو السنة النبوية، والتي تكمن في: تعظيمها، والتسليم لها، والعمل بها، والدفاع عنها.	٢
٩	**مكانة الصحابة وفضلهم:** في هذه المفردة سيتعرف الطالب على مكانة الصحابة وفضلهم، والواجب نحوهم، ودورهم في تلقي القرآن والسنة وروايتها.	٢
١٠	**قواعد في التعامل مع النصوص الشرعية:** في هذه المفردة سيتعرف الطالب على واجبات التعامل مع النصوص الشرعية، وأهم القواعد الشرعية في ذلك، وأهمها: وجوب الإيمان بالنصوص الشرعية، واشتمالها على أصول الدين، ورد التنازع إليها، وعدم التعارض بينها وبين العقل.	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يعرف القرآن وكيفية نزوله وجمعه وقراءاته وإعجازه وطرق تفسيره	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. أوراق عمل
1.2	يبين تفسير سورة الحجرات	التعلم الذاتي - ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. عرض البحوث والمناقشة
1.3	يشرح مكانة السنة في التشريع وتدوينها وأهم مصطلحاتها ومصادرها ونماذج منها	المحاضرات والمناقشات - ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. عرض البحوث والمناقشة
1.4	يُقدم نبذة مختصرة عن الإجماع والقياس والاجتهاد والفتوى	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يوضح أهم أوجه إعجاز القرآن	العصف الذهني الحوار والمناقشة عمل أبحاث وأوراق عمل زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	التقييم الجماعي تقييم الأبحاث وأوراق عمل
2.2	يستنبط أهم الفوائد والأحكام من تفسير سورة الحجرات	الطريقة الاستقرائية ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الملاحظة المباشرة وتقييم قدرة الطالب على الاستنباط والتحليل
2.3	يرسم مخطط توضيحي لأقسام الحديث من حيث القبول والرد	التعليم التعاوني خريطة المفاهيم	الملاحظة المباشرة والتقييم الجماعي
2.4	يشرح عشرة أحاديث مختارة من السنة النبوية	التعلم الذاتي التكليف بواجبات	الاختبار تقييم أبحاث
3.0	**القيم**		
3.1	يعظم قد النبي صلى الله علسه وسلم ويعرف مكانته وواجبه نحروه ونحو سنته	التعلم التعاوني الحوار والمناقشة	الملاحظة المستمرة وتقيم الأداء
3.2	يكون علاقات داخل الجامعة وخارجها قائمة على الاستقلالية وتحمل المسؤولية	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة	التعليم التعاوني من خلال التكليف بواجبات وأبحاث وأنشطة جماعية	تقييم الأبحاث الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	٦٠٥
٢	التقويم المستمر	كل أسابيع الدراسة	%١٠

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
٣	عرض البحوث والمناقشة	التاسع	١٥%
٤	الملاحظة والتقويم الجماعي	ابتداء من الأسبوع الرابع	١٥%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	الرسالة لمحمد بن إدريس الشافعي.
المراجع المساندة	١- جماع العلم لمحمد بن إدريس الشافعي. ٢- الإتقان في علوم القرآن للسيوطي. ٣- الاعتصام لأبي إسحاق إبراهيم بن موسى الشاطبي. ٤- نزهة النظر في شرح نخبة الفكر لابن حجر العسقلاني. ٥- رفع الملام عن الأئمة الأعلام لشيخ الإسلام ابن تيمية الحراني. ٦- مجموع فتاوى شيخ الإسلام ابن تيمية. ٧- التبيان في آداب حملة القرآن للنووي.
المصادر الإلكترونية	المكتبة الرقمية السعودية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضاء هيئة التدريس، الطالب، إدارة القسم، لجنة الجودة	غير مباشر (الاستبانات)

مجالات التقويم	المقيمون	طرق التقييم
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architectural Design Studio 2: Medium Scale Public Buildings**
Code:	**ARC 1005**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **2** Level **5**

4. Pre-requisites for this course (if any)**:**

ARC 1004 Architectural Design Studio 1: Small Scale Public Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is concerned with medium scale public buildings such as elementary school, mall, motel, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. This studio particularly enhances students' previously acquired skills of computer-aided drafting.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Analysis of similar projects and site analysis	**10**
3	Preliminary study of the project and its components	**10**
4	Development of plans and structure system -Part 1	**10**
5	Development of plans and structure system -Part 2	**10**
6	Development of plans and structure system -Part 3	**10**
7	Development of sections and elevations -Part 1	**10**
8	Development of sections and elevations -Part 2	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

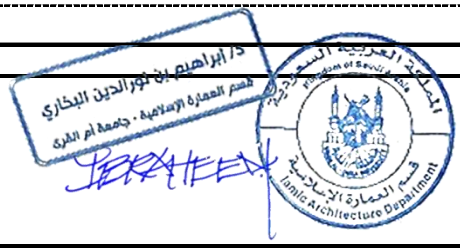
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Building Construction Studio 2: Components of Building Structure**
Code:	**ARC 1102**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	

4. Pre-requisites for this course (if any)**:**

ARC 1101 Building Construction Studio 1: Site Preparation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

To construct a building can withstand its own weight and any additional pressure, it is important to understand what the structural components of a building are. This studio places emphasis on convenience construction systems and basic components of buildings. Moreover, it introduces advanced construction systems and techniques for reinforced concrete structures.

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Explain the nature of construction industry. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
1.2	Explain the nature of construction industry. (K2-d)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to building materials	**6**
2	Building with bricks	**6**
3	Load-bearing walls	**6**
4	Concrete: Formwork and shoring	**6**
5	Concrete: Mixing, casting and compaction	**6**
6	Reinforced concrete columns, beams and frames	**6**
7	Reinforced concrete slabs - part 1	**6**
8	Reinforced concrete slabs - part 2	**6**
9	Advanced construction systems: Precast concrete	**6**
10	Advanced construction systems: Lift-Slab and tunnel formwork system	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Written & Drawing Exam
1.2	Explain the nature of construction industry. (K2-d)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Self–Learning (Research work)	Eval. of Research
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	70%
2	Mid-Term Exam (Written and Drawing Exam)	5	10%
3	Final Exam (Written and Drawing Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold.
	Kultermann, E., & Spence, W. (2016). Construction materials, methods and techniques. Cengage.
Essential References Materials	Bernold, L. (2015). Construction Equipment and Methods: Planning, Innovation, Safety. Wiley.
	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson.
	Levy, S. (2010). Construction databook. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

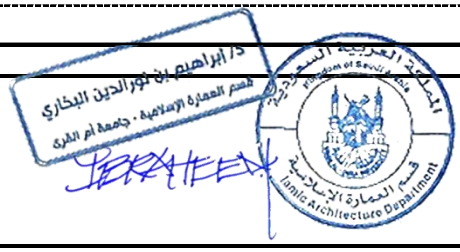
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**3D Modeling**
Code:	**ARC 1205**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	

4. Pre-requisites for this course (if any)**:**

ARC 1203 Vector-based Drawing

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

3D modeling for buildings is a common tool for architects, it is almost impossible to find specialists that do not use it to visualize their exterior and interior design projects. This course introduces students to use computer modeling software efficiently. Detailed modeling procedures are discussed, including texture mapping and navigation, in addition to basics of lighting, rendering and animation.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to 3D modeling	**4**
2	3D surface modeling - Part 1	**4**
3	3D surface modeling - Part 2	**4**
4	3D solid modeling - Part 1	**4**
5	3D solid modeling - Part 2	**4**
6	Edit tools	**4**
7	Applying and creating materials and texturing	**4**
8	lighting and rendering	**4**
9	Basics of animation - Part 1	**4**
10	Basics of animation - Part 2	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Coward, C. (2019). A beginner's guide to 3D modeling. No Starch Press.
	Mortenson, M. (2019). 3D Modeling, Animation, and Rendering. CreateSpace.
Essential References Materials	Chong, S. (2019). Rhinoceros Visualisation & Rendering.
	Chong, S. (2021). Rhinoceros Organic Modelling.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

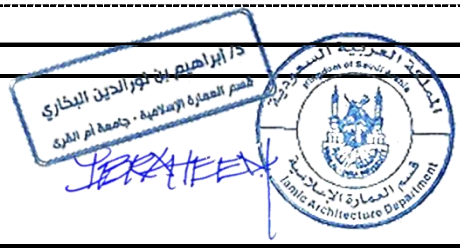
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Local Architectural Heritage**
Code:	**ARC 1304**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

In less than half a century, Saudi Arabia has been transformed from nomadic and rural societies into modem urban ones. As a result of the extensive adoption of modern technologies and urbanization, most architectural traditions have been lost. This course illustrates traditional design and construction methods in various regions of Saudi Arabia, how they had been abandoned and almost disappeared, and the recent formal and informal efforts to revive and reinvent local architectural heritage.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the history of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to architectural heritage	**2**
2	Factors that lead to the emergence of architectural heritage	**2**
3	Architectural heritage in the Western (Hijaz) region	**2**
4	Architectural heritage in the Central and northern (Najd) region	**2**
5	Architectural heritage in the Eastern region	**2**
6	Architectural heritage in the Southern (Asir) region	**2**
7	Reasons of architectural heritage disappearance in Saudi Arabia	**2**
8	Rooting the architectural values of heritage in contemporary architecture - part 1	**2**
9	Rooting the architectural values of heritage in contemporary architecture - part 2	**2**
10	Efforts to revive traditional design and construction methods in Saudi Arabia	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Mortada, H. (2020). Traditional Built Environment of Saudi Arabia. Benton heights LLC.
	Facey, W. (1999). Back to earth: Adobe Building in Saudi Arabia. Arabian Publishing Ltd.
Essential References Materials	Hariri, W. (1990). The heritage of the Kingdom of Saudi Arabia. GDG Publications.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

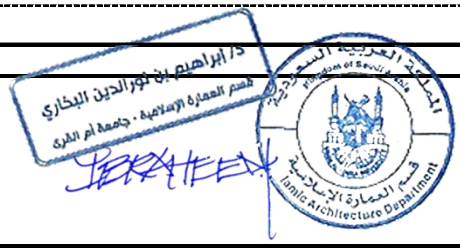
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Renaissance and Pre-modern Architecture**
Code:	**ARC 1311**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces students to world architecture on Renaissance age, 18th and 19th centuries and pre-modernism period. It helps understanding the various cultural, technological and aesthetic aspects through history. The course emphasizes on works and trends of pioneers throughout those eras.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the history of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	The early Renaissance Architecture	**2**
3	The late Renaissance: Mannerism Architecture	**2**
4	The Renaissance in France and England	**2**
5	Baroque Architecture - Part 1	**2**
6	Baroque Architecture - Part 2	**2**
7	The 18th century: Industrial revolution	**2**
8	Pre-modern architecture - Part 1	**2**
9	Pre-modern architecture - Part 2	**2**
10	Architectural applications of iron and steel construction	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the history of the built environment. (K1-e)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Moffett, M. et al. (2008). A world History of Architecture. McGraw-Hill.
	Fletcher, B. (2020). Sir Banister Fletcher's Global history of architecture. Bloomsbury Visual Arts.
Essential References Materials	Ching, F. et al. (2017). A global history of architecture. Wiley.
	Bussagli, M. (2019). Italian Renaissance Architecture. Koenemann.
	Riseberro, B. (2012). The Story of Western Architecture. The MIT Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

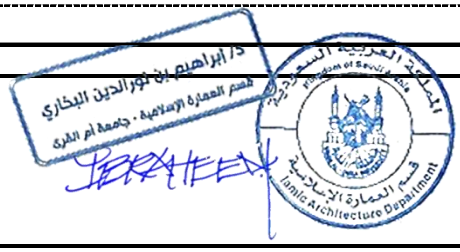
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Environmental control Systems**
Code:	**ARC 1317**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	

4. Pre-requisites for this course (if any)**:**

ARC 1004 Architectural Design Studio 1: Small Scale Public Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course studies the interaction between buildings and climate considering natural and man- made effects in order to create a climatically comfortable and controlled environment for building users. Furthermore, this course discusses examples of passive design in hot-humid and hot-arid climates.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Make design decisions considering user requirements and various environmental impacts. Apply various means to achieve sustainable built environment. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	**S1**
2.2	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to human, building and climate	**2**
2	Climatic factors and human comfort	**2**
3	Climatic zones, micro and macro climate, and climate effects on buildings	**2**
4	Sun path diagram and solar control	**2**
5	Thermal transfer control	**2**
6	Wind effects and air flow patterns	**2**
7	Prevailing wind: control methods	**2**
8	Daylight	**2**
9	Passive design in hot-humid climate	**2**
10	Passive design in hot-arid climate	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written & Drawing Exam
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	Direct Learning (Lecture)	Written Exam
2.2	Apply various means to achieve sustainable built environment. (S1-k)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Self–Learning (Research work)	Eval. of Presentation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Moore, F. (1992). Environmental Control Systems: Heating, Cooling, Lighting. McGraw-Hill.
	Kwok, A. (2021). Environmental Control Systems Case Studies. Lulucom.
Essential References Materials	Raof, S. et al. (2009). Adapting Buildings and Cities for Climate Change. Elsevier.
	Olgyay, V. (1992). Design with Climate: Bioclimatic Approach to the Architectural Regionalism, Willy.
	Koenigsberger, O. (2005). Manual of Tropical Housing and Building Design with Climate. Longman.
	Phillips, D. (2004). Daylighting: Natural Light in Architecture. Architectural Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

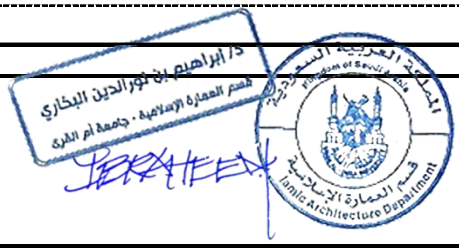
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Structure 1**
Code:	**CE 1450**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**5**	
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the student to the essential skills required to analyze simple structures using various analysis procedure and techniques.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of engineering concepts relevant to the built environment . Solve complicated problems associated with the built environment. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	**K4**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Vector analysis of force	**2**
2	Force system in 2D and 3D	**2**
3	Equivalent for system	**2**
4	Equilibrium in 2D	**2**
5	Analysis of structures	**2**
6	Beams	**2**
7	Frames	**2**
8	Trusses	**2**
9	Distributed force system	**2**
10	Area moment of inertia	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	Direct Learning (Lecture)	Assignments & written Exams
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Indirect L. (Problems solving)	Assignments & written Exams
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hibbeler, R. (2012). Statics. Pearson Education. Hibbeler, R. (2016). Mechanics of Materials. Pearson Education.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

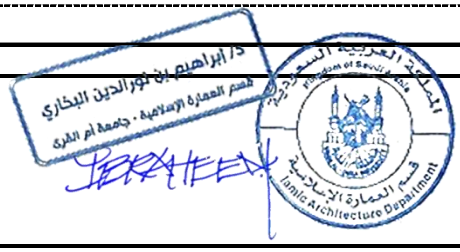
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Architectural Design Studio 3: Vernacular Architecture**
Code:	**ARC 1006**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **2** Level **6**

4. Pre-requisites for this course (if any)**:**

ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings

ARC 1304 Local Architectural Heritage

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio emphasizes the importance of architectural heritage and its influence on the contemporary architecture. It reviews traditional design and construction methods in various regions of Saudi Arabia. It illustrates how to revive and reinvent traditional design and construction methods in a contemporary design project.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Local architectural heritage in Saudi Arabia review	**10**
3	Analysis of similar projects and site analysis	**10**
4	Preliminary study of the project and its components	**10**
5	Development of plans and Identity -Part 1	**10**
6	Development of plans and Identity -Part 2	**10**
7	Development of plans and Identity -Part 3	**10**
8	Development of sections and elevations	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Research
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Mortada, H. (2020). Traditional Built Environment of Saudi Arabia. Benton heights LLC.
	Facey, W. (1999). Back to earth: Adobe Building in Saudi Arabia. Arabian Publishing Ltd.
Essential References Materials	Hariri, W., & Hariri, M. (1990). The heritage of the Kingdom of Saudi Arabia. GDG Publications.
	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

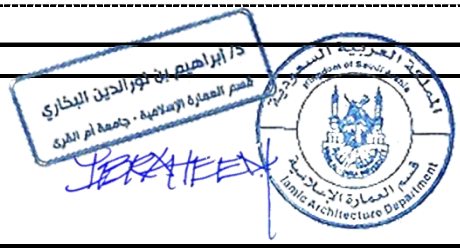
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
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Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
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Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Building Construction Studio 3: Components of Building Structure**
Code:	**ARC 1103**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **2** Level **6**

4. Pre-requisites for this course (if any)**:**

ARC 1102 Building Construction Studio 2: Components of Building Structure

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is a continuation of "Building Construction Studio 2". It introduces basics of steel construction. Moreover, it illustrates various types of insulation and joints, as well as the design, details and implementation of doors and windows. Furthermore, it discusses vertical movement elements in buildings.

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**6**
2	Basics of steel construction: Foundations, steel columns and beams	**6**
3	Basics of steel construction: Steel frames, cementitious roof planks and metal decking	**6**
4	Introduction to steel trusses, space truss and space frames	**6**
5	Insulation: Moisture, thermal and sound	**6**
6	Joints in buildings: Settlement and expansion joints	**6**
7	Types of stairs and ramps: Design, details and implementation	**6**
8	Elevators, escalators and travelators: Design, details and implementation	**6**
9	Doors: Types, used materials, manufacturing and details	**6**
10	Windows: Types, used materials, manufacturing and details	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Written & Drawing Exam
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Self–Learning (Research work)	Eval. of Research
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	70%
2	Mid-Term Exam (Written and Drawing Exam)	5	10%
3	Final Exam (Written and Drawing Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold. Staib, G. et al. (2013). Components and Systems: Modular Construction. Birkhauser.
Essential References Materials	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

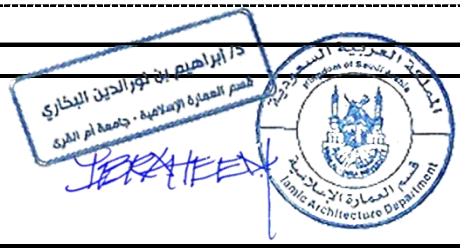
Evaluation Areas / Issues	Evaluators	Eval. Methods	
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Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
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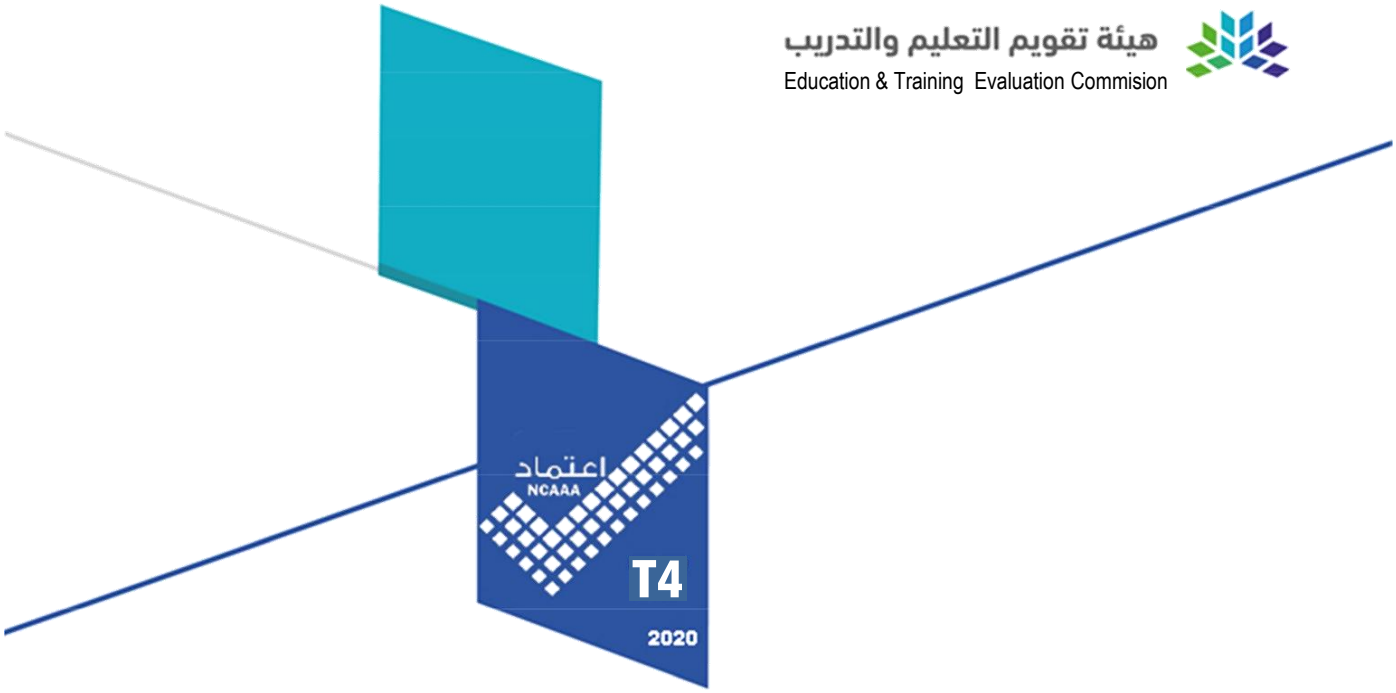
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Creative Generative-Design**
Code:	**ARC 1201**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**2**	Level	**6**	
4. Pre-requisites for this course (if any)**:**							
ARC 1205 3D Modeling							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

Generative design is a set of technologies that give a computerized copilot for design process, helping engage the power of computation and algorithms to create designs. This course explores the potential of parametric modeling, algorithms and generative systems in architectural design. Students are free to explore and build on a wide and extensible palette of parametric modeling, scripting, and analysis tools during their experimentation with form generation, evaluation and optimization methods.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Generative Design - part 1	**4**
2	Introduction to Generative Design - part 2	**4**
3	Genetic/ Evolutional Solvers - part 1	**4**
4	Genetic/ Evolutional Solvers - part 2	**4**
5	Physics Solver - part 1	**4**
6	Physics Solver - part 2	**4**
7	Introduction to Machine Learning Solver	**4**
8	Applying Generative Design - part 1	**4**
9	Applying Generative Design - part 2	**4**
10	Applying Generative Design - part 3	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Agkathidis, A. (2016). Generative Design. Laurence King Publishing.
	Rhee, J. (2020). Digital media series: Grasshopper. Independently published.
Essential References Materials	Zesk, W. (2019). Grasshopper: Generative Design for Architecture. linkedin.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

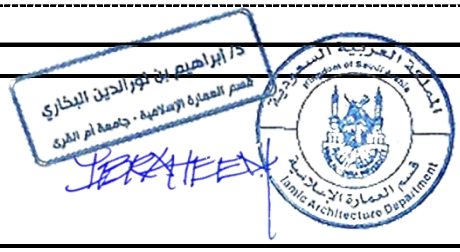
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

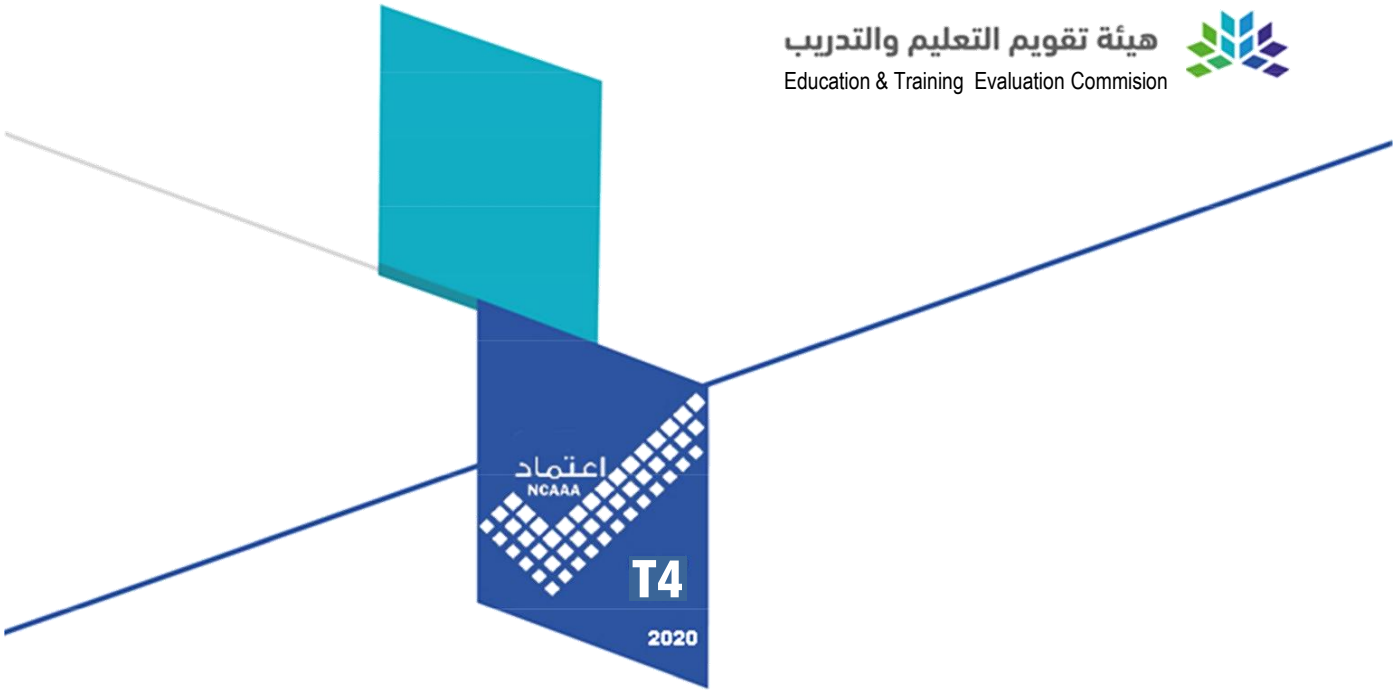
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Buildings' Technical Installations**
Code:	**ARC 1307**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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B. Course Objectives and Learning Outcomes 3

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **2** Level **6**

4. Pre-requisites for this course (if any)**:**

ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The main concern and focus of this studio is about technical installations in buildings. It is considered as an introduction to "Building Construction Studio" course. The course introduces the students to various technical installations including water supply, drainage, electrical and mechanical systems. Moreover, it illustrates acoustics and lighting systems taking into account the simple calculations of these systems.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Demonstrate an understanding of technical installations in buildings. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	water supply systems	**2**
3	Plumbing fixtures	**2**
4	Sanitary drainage systems	**2**
5	Private sewerage systems	**2**
6	Normal electrical systems	**2**
7	Ventilation and air conditioning (HVAC) systems	**2**
8	Central cooling systems	**2**
9	Acoustics systems	**2**
10	Lighting systems	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Teamwork Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold.
	International Code Council. (2021). International Plumbing Code. ICC.
Essential References Materials	Hurt, S. (2017). Building systems in interior design. Routledge.
	Saudi building code National committee. (2018). Saudi Electrical Code: SBC 401.
	Saudi building code National committee. (2018). Saudi Mechanical Code: SBC 501.
	Saudi building code National committee. (2018). Saudi Plumbing Code: SBC 701.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

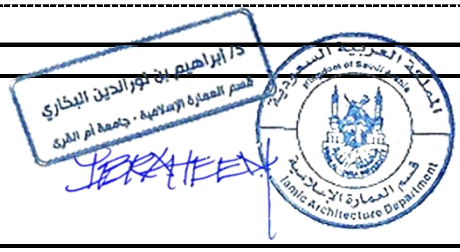
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Principles of Urban Design**
Code:	**ARC 1313**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **2** Level **6**

4. Pre-requisites for this course (if any)**:**

ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is to introduce students to key concepts and basic principles in urban design. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students will develop urban design skills that help in participating effectively in the following studios of Urban Design track.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Analyze data from a variety of sources. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Definition and emergence of urban design	**2**
2	The foundations and principles of urban design	**2**
3	Elements, divisions, classifications and levels of urban design	**2**
4	Visual dimension in urban design	**2**
5	Functional and social dimension in urban design	**2**
6	Introduction to housing: Types of residential buildings	**2**
7	Analysis and redesign of urban spaces	**2**
8	Applications of urban design in some European countries	**2**
9	Applications of urban design in some Islamic countries	**2**
10	Urban design spaces in the Saudi Arabia	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning (Research work)	Teamwork Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

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d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	الهزلول، ص. (2010). نشأة و تطور التصميم العمراني. سلسلة علوم العمران 1
	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Essential References Materials	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
	Towers, G. (2015). An introduction to urban housing design. Routledge.
	Kliment, S., & Chandler, R. (2010). Building type basics for housing. John Wiley & Sons.
	Firley, E., & Stahl, C. (2009). The urban housing handbook. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

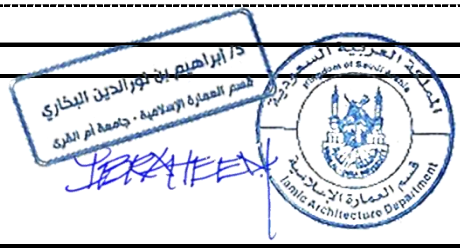
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Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



توصيف المقرر الدراسي

اسم المقرر:	القرآن الكريم (2)
رمز المقرر:	**(QR2102)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 4

ج. موضوعات المقرر 4

د. التدريس والتقييم: 5

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2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 6

و – مصادر التعلم والمرافق: 6

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2. المرافق والتجهيزات المطلوبة: 7

ز. تقويم جودة المقرر: 7

ح. اعتماد التوصيف 7

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الثانية.

4. المتطلبات السابقة لهذا المقرر:

القرآن الكريم (1)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (ساعات استذكار)	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء الثلاثين من القرآن الكريم: من سورة النبأ إلى سورة الطارق.
2. تلاوة ثلاثة أجزاء: من سورة الشورى إلى سورة الحديد.
3. دراسة أحكام التَّجويد.
4. شرح غريب الكلمات: من سورة النبأ إلى سورة الطارق.

2. الهدف الرئيس للمقرر

1. تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله عزَّ وجلَّ، وفق طرق الأداء المعتبرة.
2. حفظ حزب واحدٍ من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي، وتصحيح تلاوة سورة النبأ كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن.	2
2	تسميع سورة النبأ كاملة، تصحيح تلاوة سورة النازعات كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن تلاوة سورة الشورى، ، شرح درس التجويد (تفخيم اللام).	2
3	تسميع سورة النازعات كاملة، تصحيح تلاوة سورة عبس كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الزخرف.	2
4	تسميع سورة عبس كاملة، تصحيح تلاوة سورة التكوير كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورتي الدخان والجاثية، شرح درس التجويد (اللام الشمسية والقمرية).	2
5	تسميع سورة التكوير كاملة، تصحيح تلاوة سورة الانفطار كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الأحقاف.	2
6	تسميع سورة الانفطار كاملة، تصحيح تلاوة سورة المطففين كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورتي محمد صلى الله عليه وسلم والفتح، شرح درس التجويد (المدود – المد بسبب الهمز).	2
7	تسميع سورة المطففين كاملة، تصحيح تلاوة سورة الانشقاق كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الحجرات وق والذاريات.	2

8	تسميع سورة الانشقاق كاملة، تصحيح تلاوة سورتي البروج والطارق مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سورة الطور والنجم والقمر، شرح درس التجويد (تابع المدود – المد بسبب السكون).	2
9	تسميع سورة البروج، تلاوة سورة الرحمن والواقعة.	2
10	تسميع سورة الطارق، تلاوة سورة الحديد.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	المشاركة وحفظ الآيات وتلاوتها	مستمر	%20
2	الاختبار النصفي	السادس	%20

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
3	الاختبار النهائي	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

المرجع الرئيس للمقرر	-القرآن الكريم. - الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. - التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.	
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.	

- ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
- مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلِّيَّة.
- مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
- إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
- تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
- إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
- توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
- المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.	
أخرى	-	

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	-قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	- الحاسب الآلي. - التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
تقويم فاعليَّة استراتيجيات التَّدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر	مباشر: الزِّيارة للفصل وتقرير فاعليَّة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غير مباشر: استبانة تقييم المقرَّر المتاحة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

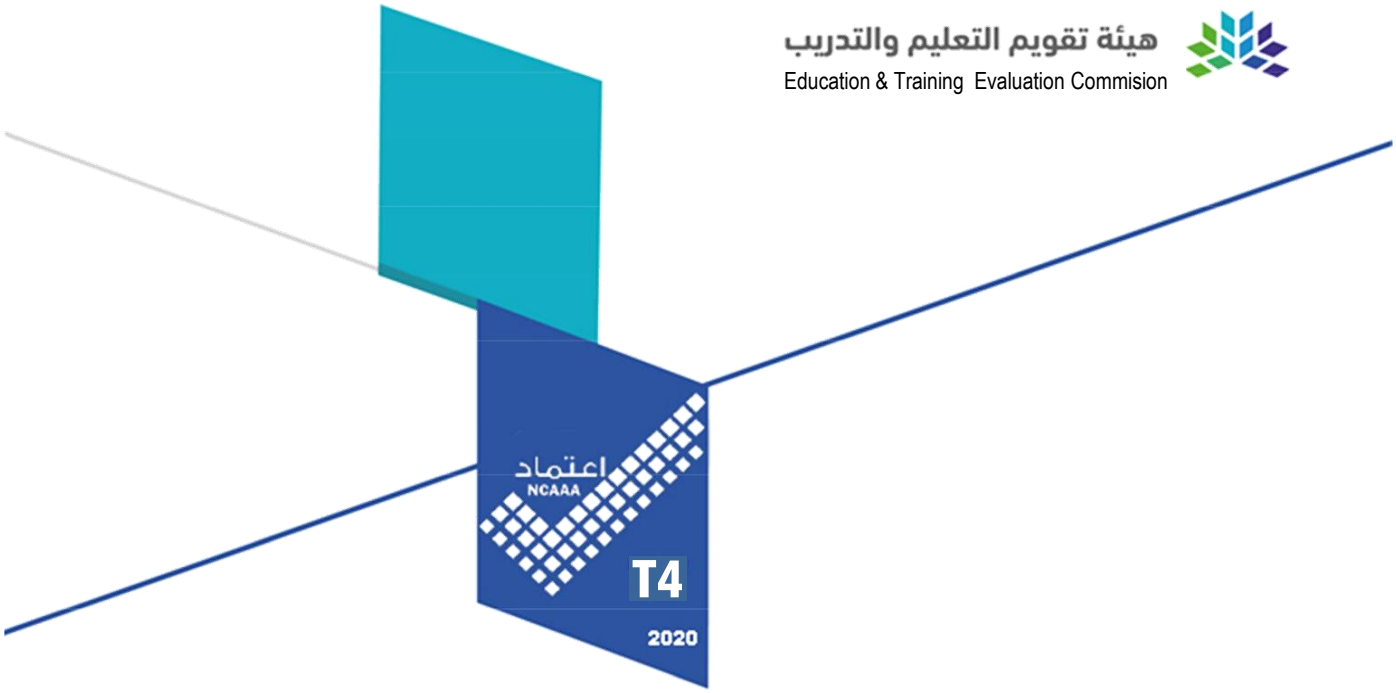
ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

أستاذ زميل يدرِّس نفس المقرَّر

الطُّلَّاب

قيادة البرنامج



Course Specifications

Course Title:	**Architectural Design Studio 4: Conventional Structure Systems**
Code:	**ARC 1007**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **3**		Level **7**	
4. Pre-requisites for this course (if any)**:**							
ARC 1006 Architectural Design Studio 3: Vernacular Architecture							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Appling various structure systems is an essential part of architectural design operation. This is expected to be accomplished through acquainting students with applications of different types of conventional structure systems; consequently, they become capable of selecting the appropriate construction materials and structure system in their architectural projects.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Differentiate between various types of building materials, building technologies and structural systems. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Apply the knowledge of bearing structure and materials selection. Demonstrate self-discipline and punctuality. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.3	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project	**10**
2	Conventional structure systems review	**10**
3	Analysis of similar projects and site analysis	**10**
4	Preliminary study of the project and its components	**10**
5	Development of plans and structure system -Part 1	**10**
6	Development of plans and structure system -Part 2	**10**
7	Development of plans and structure system -Part 3	**10**
8	Development of sections and elevations	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Multiple-choice Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of bearing structure and materials selection. (S1-e)	Indirect L. (Problems solving)	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Engel H. (2007). Structure systems. Praeger.
	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
Essential References Materials	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
	Ching, F. (2014). Building Structures illustrated. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

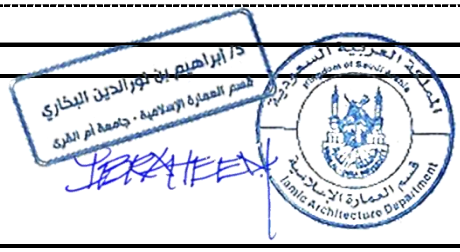
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

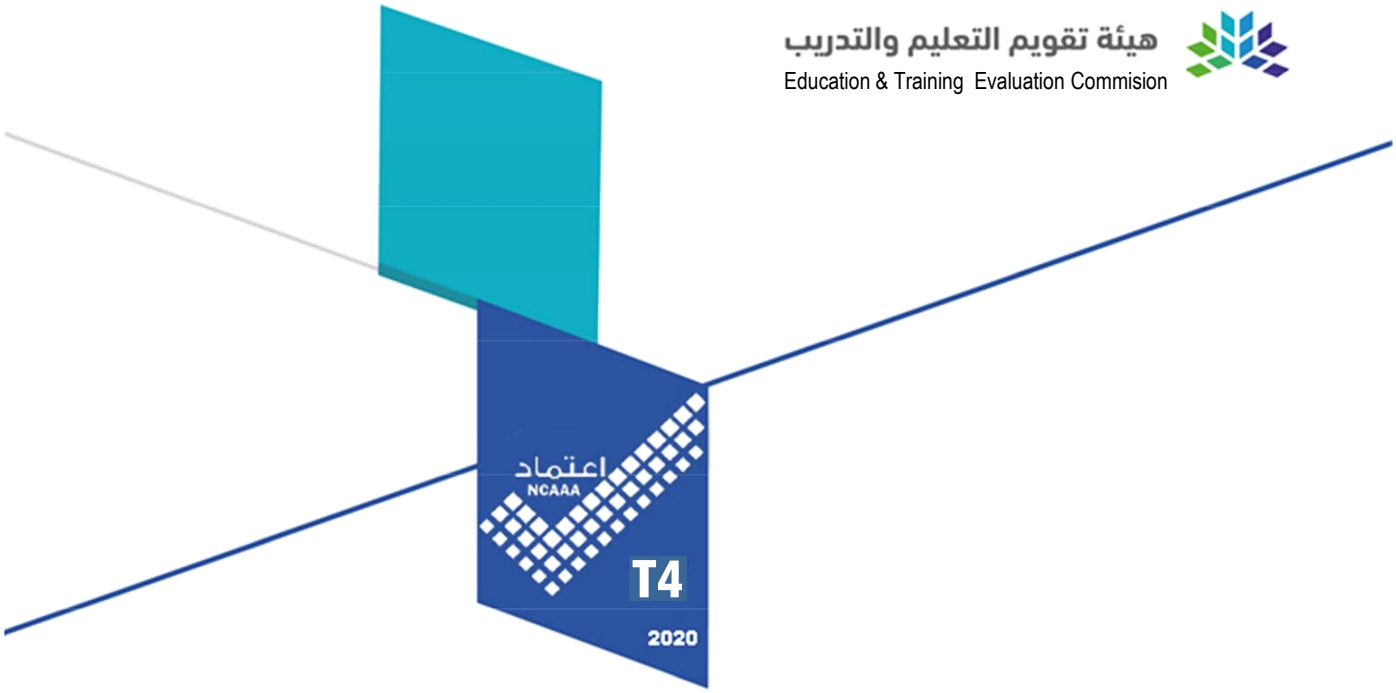
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Building Construction Studio 4: Technical Drawings**
Code:	**ARC 1104**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**3**	Level	**7**	

4. Pre-requisites for this course (if any)**:**

ARC 1103 Building Construction Studio 3: Components of Building Structure

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

The main concern and focus of this studio is about technical drawings. It is considered as a continuation of "Buildings' Technical Installations" course. The students are asked to execute various technical installation details including water supply, drainage, electrical and mechanical systems. Moreover, they are asked to draw details of acoustics and lighting treatments.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of technical installations in buildings. Solve complicated problems associated with the built environment. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Review of building technical installations	**6**
2	Technical drawings of water supply systems	**6**
3	Technical drawings of plumbing fixtures	**6**
4	Technical drawings of sanitary drainage systems	**6**
5	Technical drawings of private sewerage systems	**6**
6	Technical drawings of normal electrical systems	**6**
7	Technical drawings of ventilation and air conditioning (HVAC) systems	**6**
8	Technical drawings of central cooling systems	**6**
9	Technical drawings of acoustics systems	**6**
10	Technical drawings of lighting systems	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Self–Learning	Written & Drawing Exam
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	70%
2	Mid-Term Exam (Written and Drawing Exam)	5	10%
3	Final Exam (Written and Drawing Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold.
	International Code Council. (2021). International Plumbing Code. ICC.
Essential References Materials	Bobenhausen, W. (1994). Simplified design of HVAC systems. John Wiley & Sons.
	Hurt, S. (2017). Building systems in interior design. Routledge.
	Saudi building code National committee. (2018). Saudi Electrical Code: SBC 401.
	Saudi building code National committee. (2018). Saudi Mechanical Code: SBC 501.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

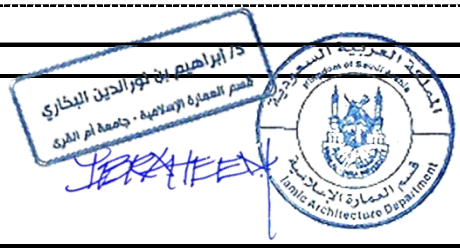
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

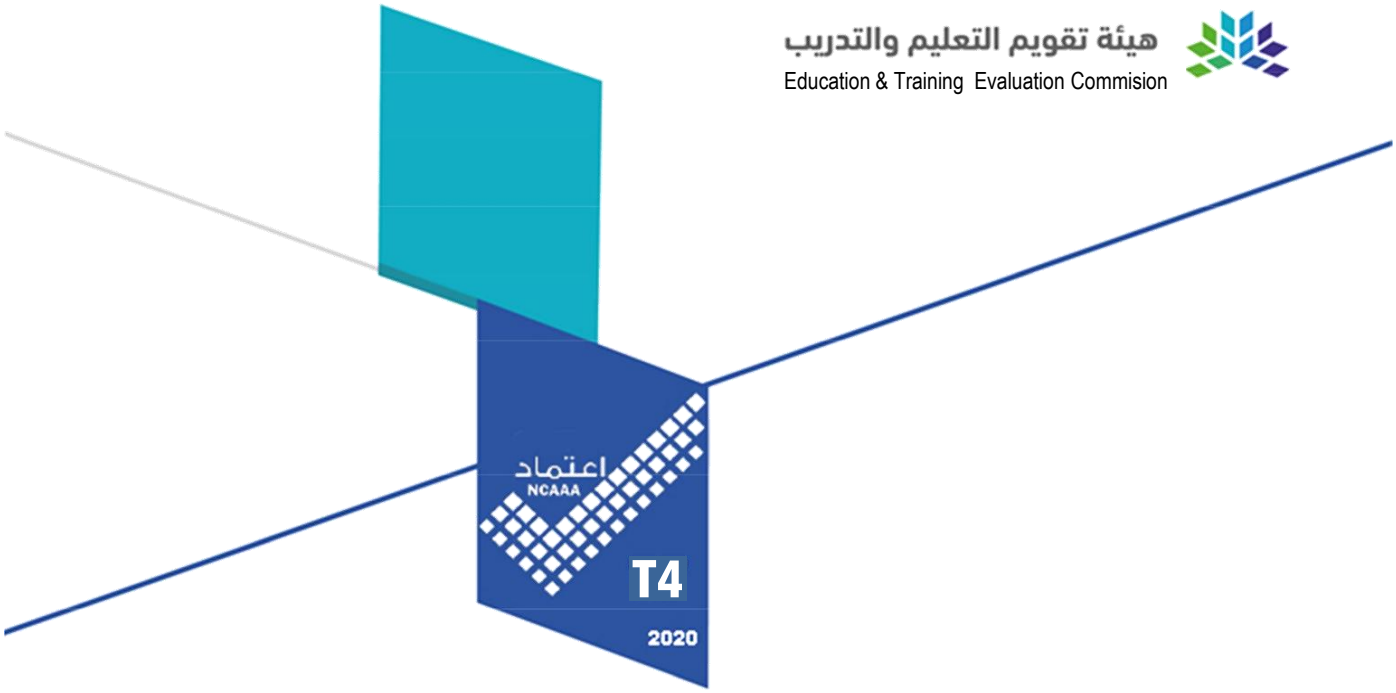
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Principles of Urban Planning**
Code:	**ARC 1312**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

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2. Assessment Tasks for Students 5

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **3** Level **7**

4. Pre-requisites for this course (if any)**:**

ARC 1006 Architectural Design Studio 3: Vernacular Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is a preface to "Introduction to Urban Planning Studio". It gives the students an introduction to urban planning's definitions, levels, and types. It addresses the history, principles and process of urban planning. The course covers a historical study of the city, including its origins and evolution since the dawn of history to the 19th mid-century. Furthermore, it illustrates required studies and process of urban planning.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Definition of urban planning and planning levels and types	**2**
2	Cities in ancient civilizations and medieval times	**2**
3	Cities in Arab Islamic civilization	**2**
4	Baroque and Renaissance towns	**2**
5	Cities of the Industrial Revolution	**2**
6	General objectives of urban planning	**2**
7	Required studies for urban planning	**2**
8	The process of urban planning: Field survey documents	**2**
9	The process of urban planning: Data analysis and mapping	**2**
10	The process of urban planning: Urban planning alternatives	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Norwich, J. (2016). The Great Cities in History. Thames & Hudson.
	Carl Abbott. (2020). City Planning: A Very Short Introduction. Oxford University Press.
Essential References Materials	Couch, C. (2016). Urban planning: an Introduction. Macmillan.
	Berke, P. and Godschalk, D. (2006). Urban Land Use Planning. University of Illinois Press.
	Hack, G., Birch, E., & Sedway, P. (2014). Local Planning. ICMA.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

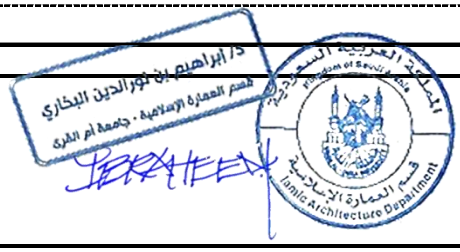
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Structure Systems in Architecture**
Code:	**ARC 1316**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification 3

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **3** Level **7**

4. Pre-requisites for this course (if any)**:**

ARC 1103 Building Construction Studio 3: Components of Building Structure

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Understanding various structure systems is an essential part of architectural design operation. This is expected to be accomplished through acquainting students with applications of different types of conventional and long spans structure systems; consequently, they become capable of selecting the appropriate construction materials and structure system in their architectural projects. This course considered to be an introduction to "Architectural Design Studio 5: Long Spans".

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Apply the knowledge of bearing structure and materials selection. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to building materials	**2**
2	Solid and flat slab structure systems	**2**
3	Hollow blocks and Waffle slab structure systems	**2**
4	Hollow-core and Frames structure system	**2**
5	Trusses structure system	**2**
6	Cables structure system	**2**
7	Tent structure system	**2**
8	Folded plates structure system	**2**
9	Shell structure system	**2**
10	Pneumatic structure system	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Engel H. (2007). Structure systems. Praeger.
	Ching, F. (2014). Building Structures illustrated. Wiley.
Essential References Materials	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	Drew, P. (2008). New tent architecture. Thames & Hudson.
	WANG, B. (2019). FREE-STANDING TENSION STRUCTURES. CRC PRESS.
	Herzog, T. (1977). Pneumatic structures. Crosby Lockwood Staples.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

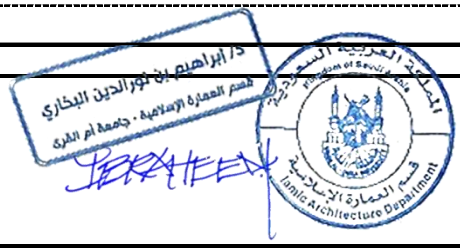
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Introduction to Urban Design Studio**
Code:	**ARC 1109**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **4** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **3** Level **7**

4. Pre-requisites for this course (if any)**:**

ARC 1006 Architectural Design Studio 3: Vernacular Architecture

ARC 1313 Principles of Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**8**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**80**
4	**Research**	**0**
5	**Training**	**0**
	Total	**80**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is to introduce students to practice key concepts and basic principles in urban design. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students will develop previous learned urban design skills in a small-scale urban design project. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**8**
2	Collect information to understand problems	**8**
3	Analyzing the collected data to reach the main objectives	**8**
4	Developing alternatives	**8**
5	Evaluating the alternatives based on assessment criteria	**8**
6	Development of various aspects of the selected alternative - Part 1	**8**
7	Development of various aspects of the selected alternative - Part 2	**8**
8	Development of various aspects of the selected alternative - Part 3	**8**
9	Development of various aspects of the selected alternative - Part 4	**8**
10	Development of various aspects of the selected alternative - Part 5	**8**
Total	None	**80**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Krier, R. (1993). Urban Space. Rizzoli.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

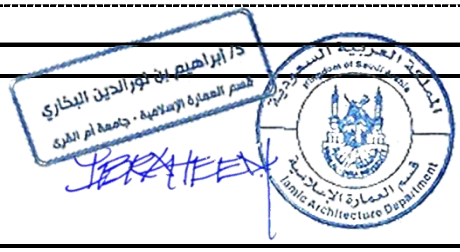
Evaluation Areas / Issues	Evaluators	Eval. Methods
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Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Structure 2**
Code:	**CE 2452**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**3**	Level	**7**	
4. Pre-requisites for this course (if any)**:**							
CE 1450 Structure 1							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the student to design essential reinforced concrete elements such as beams, columns, slabs and footings.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of engineering concepts relevant to the built environment . Solve complicated problems associated with the built environment. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	**K4**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Mechanical properties of concrete	**2**
2	Steel reinforcement	**2**
3	Loads	**2**
4	Methods of design	**2**
5	Analysis of rectangular section under bending – Part 1	**2**
6	Analysis of rectangular section under bending – Part 2	**2**
7	Design of one way solid slab	**2**
8	Design of beams	**2**
9	Design of columns	**2**
10	Design of isolated footings	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	Direct Learning (Lecture)	Assignments & written Exams
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Indirect L. (Problems solving)	Assignments & written Exams
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	McCormac, J., & Nelson, J. (2010). Design of reinforced concrete. John Wiley.
Essential References Materials	Saudi building Code National Committee. (2018). Structural-Concrete Structures: SBC 304-AR.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

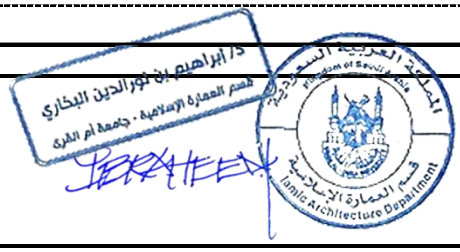
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architectural Design Studio 5: Long Spans**
Code:	**ARC 1008**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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B. Course Objectives and Learning Outcomes 3

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D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**3**	Level	**8**

4. Pre-requisites for this course (if any)**:**

ARC 1007 Architectural Design Studio 4: Conventional Structure Systems

ARC 1316 Structure Systems in Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Understanding various structure systems is an essential part of designing operation. This is expected to be accomplished through acquainting the student with applications of different sorts of long-span structure systems, so the student becomes capable of selecting the appropriate construction materials and proper structure systems when designing this type of projects.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Differentiate between various types of building materials, building technologies and structural systems. Create innovative concepts and forms for the built environment. Apply the knowledge of bearing structure and materials selection. Demonstrate self-discipline and punctuality. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Long span structure systems review	**10**
3	Analysis of similar projects and site analysis	**10**
4	Preliminary study of the project and its components	**10**
5	Development of plans and structure system -Part 1	**10**
6	Development of plans and structure system -Part 2	**10**
7	Development of plans and structure system -Part 3	**10**
8	Development of sections and elevations	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Multiple-choice Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of bearing structure and materials selection. (S1-e)	Indirect L. (Problems solving)	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Engel H. (2007). Structure systems. Praeger.
Essential References Materials	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
	Ching, F. (2014). Building Structures illustrated. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

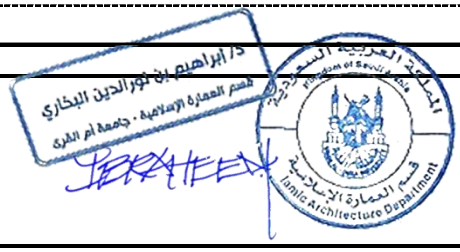
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Building Construction Studio 5: Finishes**
Code:	**ARC 1105**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **3** Level **8**

4. Pre-requisites for this course (if any)**:**

ARC 1104 Building Construction Studio 4: Technical Drawings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This course illustrates the major materials and methods used to finish the building facades and interior wall, ceiling, and floor surfaces.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Perform drawings efficiently and accurately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to interior finish materials	**6**
2	External finishes - Part 1	**6**
3	External finishes - Part 2	**6**
4	Interior finishes: Plaster and gypsum board	**6**
5	Paintings and coatings	**6**
6	Wood joints, moldings and trim	**6**
7	Wood paneling	**6**
8	Wood flooring installation	**6**
9	Marble and granite: Types and installation	**6**
10	Ceramic tile: Application and details	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written & Drawing Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	70%
2	Mid-Term Exam (Written and Drawing Exam)	5	10%
3	Final Exam (Written and Drawing Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ching, D.K. (2020). Building Construction Illustrated. Van Nostrad Reinhold.
	Kultermann, E., & Spence, W. (2016). Construction materials, methods and techniques. Cengage.
Essential References Materials	Bernold, L. (2015). Construction Equipment and Methods: Planning, Innovation, Safety. Wiley.
	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

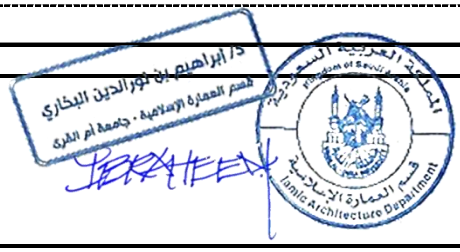
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Sustainable Architecture**
Code:	**ARC 1305**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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B. Course Objectives and Learning Outcomes 3

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **3**		Level **8**	
4. Pre-requisites for this course (if any)**:**							
ARC 1007 Architectural Design Studio 4: Conventional Structure Systems							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Nowadays natural resources are being used in irreparably damaging rate. Moreover, human activities pollute the air, water and land which we depend on to survive. Hence this course focuses on sustainable architectural design as an introduction to Architectural Design studio 7. This course illustrates the appropriate strategies and technologies used to improve the building's environmental performance and to provide comfort to its occupants. Therefore, basic technical knowledge on energy, water, materials, etc., is covered in the context of how buildings operate.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Apply various means to achieve sustainable built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to sustainability	**2**
2	Location and transportation	**2**
3	Sustainable site	**2**
4	Water efficiency	**2**
5	Energy and atmosphere	**2**
6	Materials and resources	**2**
7	Indoor air quality and thermal comfort	**2**
8	Indoor efficient lighting and view	**2**
9	Case study analysis - Part 1	**2**
10	Case study analysis - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply various means to achieve sustainable built environment. (S1-k)	Self–Learning (Research work)	Eval. of Project(s)
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

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a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	U.S. Green Building Council. (2010). Green building design and construction.
	Kubba, S. (2017). Handbook of Green Building Design and Construction. Elsevier Science.
Essential References Materials	Kibert, C. (2016). Sustainable Construction, 4th Edition. John Wiley & Sons.
	Lezcano, R. (2021). Sustainable Building and Indoor Air Quality. MDPI AG.
	Ching, F., & Shapiro, I. (2014). Green building illustrated. John Wiley & Sons.
	Saudi building code National committee (2018). Green Construction Code 1001.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

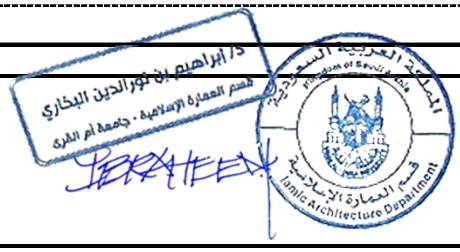
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Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

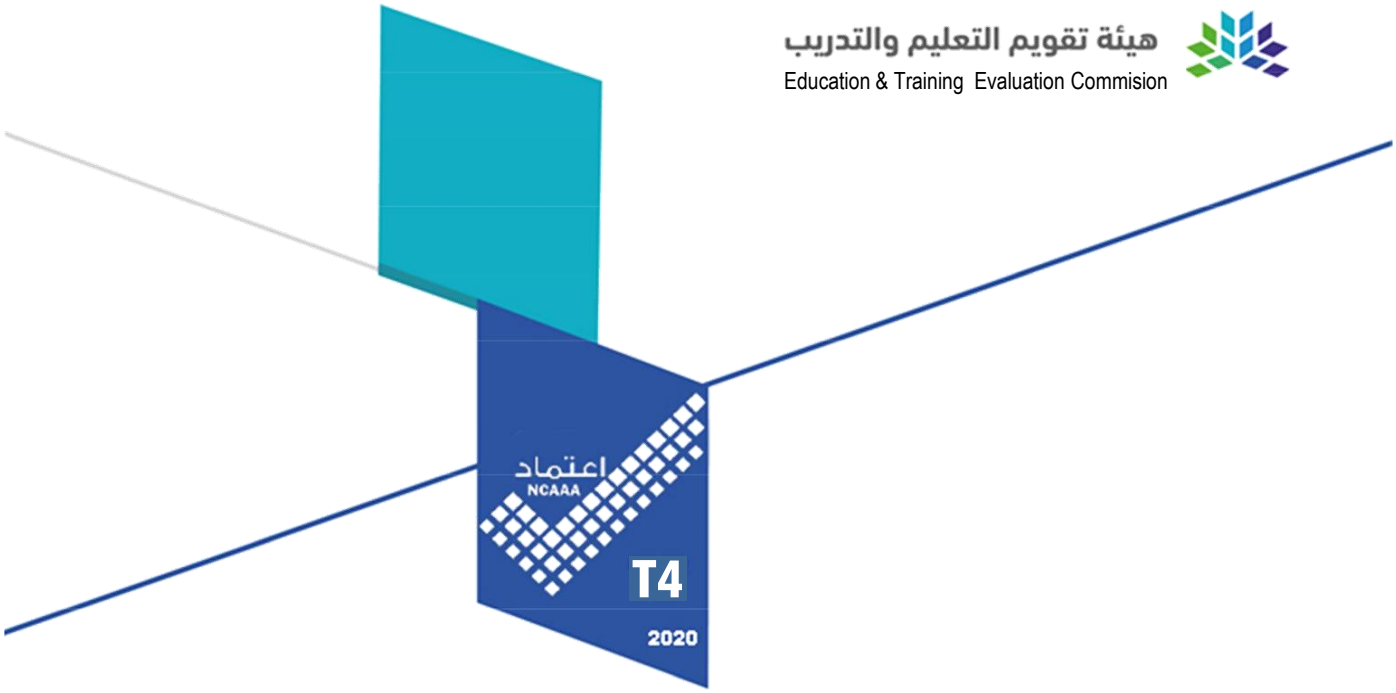
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Introduction to Urban Planning Studio**
Code:	**ARC 1110**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **4** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **3** Level **8**

4. Pre-requisites for this course (if any)**:**

ARC 1109 Introduction to Urban Design Studio

ARC 1312 Principles of Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**8**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**80**
4	**Research**	**0**
5	**Training**	**0**
	Total	**80**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is to introduce students to practice key concepts and basic principles in urban planning. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students are asked to collect data and analyze urban planning aspects of an existing small city.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Describe the conservation methods of the built heritage. Independently seek information and use it appropriately. Analyze data from a variety of sources. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Describe the conservation methods of the built heritage. (K1-g)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**8**
2	Collecting data to understand and specify problems	**8**
3	Analyzing the collected data to reach the main objectives	**8**
4	Regional introduction	**8**
5	Environmental analysis of the city	**8**
6	Infrastructure analysis	**8**
7	Services	**8**
8	Residential communities	**8**
9	Socio-economic studies	**8**
10	SWOT analysis of the city	**8**
Total	None	**80**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Interactive L. (Dialogue & discussion)	Eval. of Analytical Project(s)
1.2	Describe the conservation methods of the built heritage. (K1-g)	Interactive L. (Dialogue & discussion)	Eval. of Analytical Project(s)
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Analytical Project(s)
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning	Eval. of Analytical Project(s)
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Butler, K. (2012). Planning and Urban Design Standards. Wiley. ELWakil, S. (2006). Urban Planning: Principles, Basics and Applications.
Essential References Materials	Levy, J. (2016). Contemporary urban planning. Routledge. Weber, R. & Randal, C. (2015). The oxford handbook of urban planning. 2015.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

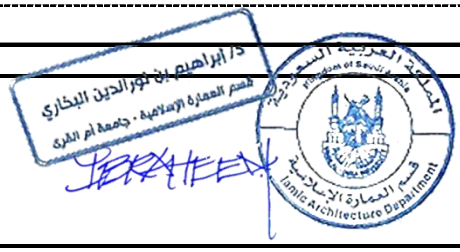
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Structure 3**
Code:	**CE 2454**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Unified Track)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **3** Level **8**

4. Pre-requisites for this course (if any)**:**

CE 2452 Structure 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the student to design essential steel structure elements and related techniques.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of engineering concepts relevant to the built environment . Solve complicated problems associated with the built environment. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	**K4**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Specifications, loads and methods of design	**2**
2	Analysis and design of tension members	**2**
3	Introduction of axially loaded compression members	**2**
4	Design axially loaded compression members	**2**
5	Design of column base plates	**2**
6	Design of beams for moments	**2**
7	Design of beams for shear and deflection	**2**
8	Bending and axial forces	**2**
9	Eccentrically loaded bolted connections	**2**
10	Welded and building connections	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of engineering concepts relevant to the built environment . (K4-b)	Direct Learning (Lecture)	Assignments & written Exams
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Indirect L. (Problems solving)	Assignments & written Exams
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	McCormac, J., & Csernak, F. (2012). Structural Steel Design. John Wiley.
Essential References Materials	Saudi building Code National Committee. (2018). Structural-Steel Structures: SBC 304-AR.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

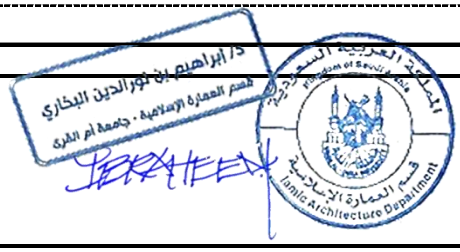
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

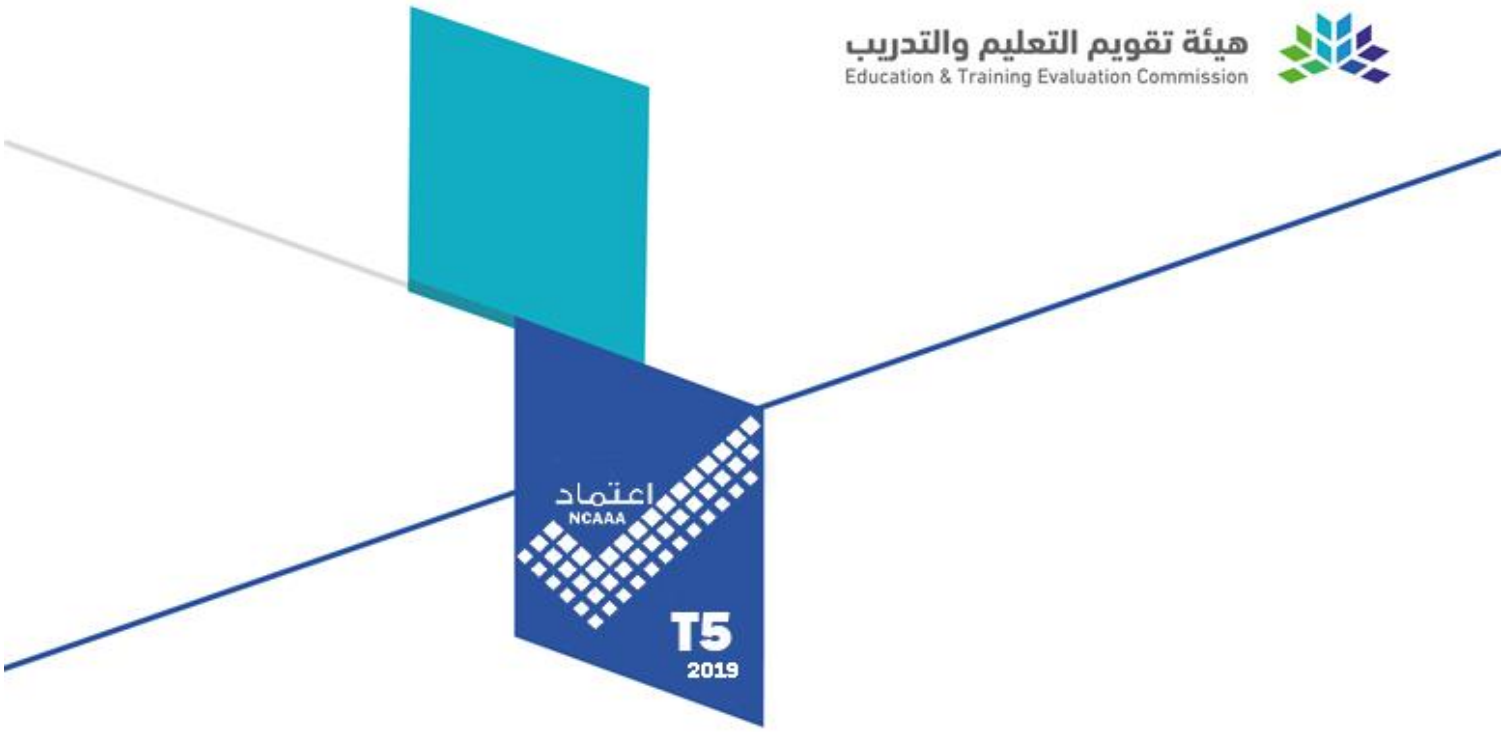
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Field Experience Specifications

Course Title:	**Cooperative Training**
Course Code:	**ARC 1500**
Program:	**Architecture and Planning**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Field Experience Identification

1. Credit hours: 8 Credit Hours	
2. Level/year at which this course is offered: Year 3	Level 9
3. Dates and times allocation of field experience activities. • Number of weeks: (18) week • Number of days: 5 days/ week (90) day • Number of hours: 6-7 hours/ day (540-630) hour	
4. Pre-requisites to join field experience (if any)**:** ARC 1008 Architectural Design Studio 5: Long Spans ARC 1109 Introduction to Urban Planning Studio	

B. Learning Outcomes, and Training and Assessment Methods

1. Field Experience Learning Outcomes

	CLOs	Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	K1
1.2	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	K3
2	**Skills:**	
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	S1
2.2	Solve complicated problems associated with the built environment. (S1-b)	S1
3	**Values:**	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	V1
3.2	Demonstrate commitment to ethics; and professional and academic values. (V1-c)	V1
3.3	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	V2
3.4	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	V2

2.Alignment of Learning Outcomes with Training Activities and Assessment Methods

Code	Learning Outcomes	Training Methods/Activities	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Self–Learning	Evaluation of Final Report
1.2	Demonstrate an understanding of the professional ethics and responsibilities related to the built environment. (K3-a)	Self–Learning	Evaluation of Final Report and Student Report
2.0	**Skills**		
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	Self–Learning	Evaluation of Final Report

Code	Learning Outcomes	Training Methods/Activities	Assessment Methods
2.2	Solve complicated problems associated with the built environment. (S1-b)	Self–Learning Self–Learning	Any evidence that demonstrate progress in this objective
3.0	**Values**		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Evaluation of Attendance Reports
3.2	Demonstrate commitment to ethics; and professional and academic values. (V1-c)	Self–Learning	Evaluation of Final Report
3.3	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Evaluation of Final Report
3.4	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Self–Learning	Evaluation of Final Report at the end of the training period Evaluation Training Body Report

3. Field Experience Learning Outcomes Assessment

a. Students Assessment Timetable

#	Assessment task*	Assessment timing (Week)	Percentage of Total Assessment Score
1	Week 6: First attendance and absence report submission	6	10%
2	Week 12: Second attendance and absence report submission	12	10%
3	Week 18: Final attendance and absence report submission	18	10%
4	Final evaluation report submission	18	40%
5	Review of training report produced by the student	18	30%

***Assessment task** (i.e., Practical test, oral test, presentation, group project, essay, etc.)

b. Assessment Responsibilities

م	Category	Assessment Responsibility
1	**Teaching Staff**	Prior to the semester in which the training is held, teaching staff select the appropriate training firms and distributes students to them. Prior to the semester in which the training is held, an introductory lecture is conducted by teaching staff and students nominated for training are invited to attend. During the training period, teaching staff receives and reviews first and second attendance and absence report. At the end of the training period, teaching staff receives and reviews students' final reports and the evaluation form filled by the field supervisor.

2	**Field Supervisor**	Follow-up the students' progress during the training period. Filling the attendance forms. Filling the final evaluation form.
3	**Others** (specify)	None

C. Field Experience Administration

1. Field Experience Locations

a. Field Experience Locations Requirements

Suggested Field Experience Locations	General Requirements*	Special Requirements**
Architectural consultant firms	Should pass the prerequisite courses. Should be pre-approved by the coordinator	Reputable offices
Urban design consultant firms		Reputable offices
Urban planning consultant firms		Reputable offices
Architectural construction Contractors		Following safety standards

*Ex: provides information technology ,equipment ,laboratories ,halls ,housing ,learning sources ,clinics etc.
**Ex: Criteria of the training institution or related to the specialization, such as: safety standards, dealing with patients in medical specialties, etc.

b. Decision-making procedures for identifying appropriate locations for field experience

This training provides students with an opportunity to enrich their university experience by linking academic studies to actual practical situations. Students will also have the opportunity to assess their professional interests in their respective fields. The trainee student is subject to all the organizational rules and vacations system in the firm in which he trains. Training opportunities with architectural firms are selected by the department; however, student can select an opportunity to train after department approval.

2. Supervisory Staff

a. Selection of Supervisory Staff

Selection Items	Field Supervisor	Teaching Staff
Qualifications	Consultant in the architecture, building construction, urban design or urban planning field	Ph.D.
Selection Criteria	--	Qualification Knowledge Interest and passion

b. Qualification and Training of Supervisory Staff

(Including the procedures and activities used to qualify and train the supervisory staff on supervising operations, implementing training activities, the follow-up and evaluation of students, etc.)

3. Responsibilities

a. Field Experience Flowchart for Responsibility

including units, departments, and committees responsible for field experience, as evidenced by the relations between them.

Step 1: Evidence: Documentation of experience by the trainee.
Step 2: Reflection: commentary of the trainee on experiences and learning that has resulted and how the objectives were fulfilled.
Step 3: Evaluation: studying the evidence by the examiners.
Step 4: Defending the evidence: a dialog between the trainee and the examiners.
Step 5: Decision.

b. Distribution of Responsibilities for Field Experience Activities

Activity	Department or College	Teaching Staff	Student	Training Organization	Field Supervisor
Selection of a field experience site	●	●	●		
Selection of supervisory staff				●	●
Provision of the required equipment				●	
Provision of learning resources				●	
Ensuring the safety of the site	●	●	●	●	●
Commuting to and from the field experience site			●		
Provision of support and guidance	●	●			●
Implementation of training activities (duties, reports, projects, ...)	●	●			
Follow up on student training activities	●	●			●
Adjusting attendance and leave	●				●
Assessment of learning outcomes	●			●	●
Evaluating the quality of field experience	●		●		●

Activity	Department or College	Teaching Staff	Student	Training Organization	Field Supervisor
Others (specify)	None	None	None	None	None

4. Field Experience Implementation

a. Supervision and Follow-up Mechanism

Trainees are evaluated through an Evaluation form. The evaluation form lists the course learning outcomes that are expected to be achieved every week by the trainee.
Trainees also receive verbal feedback from the field supervisor and at the end of their training period.
The faculty staff closely monitors the students' attendance and performance in the affiliated internship firms (week 6, 12 and 18).
At the end of the training period, the student is required to hand in the filled, signed, and stamped evaluation form.
Furthermore, he is required to submit a report explaining the acquired knowledge, skills **and** experiences during training.
The faculty member logs the activity of each student carefully and ensures that students are complying with all the policies and procedures.

Given the subjective nature of the assessment decisions involved in the use of rating scale, rating of more than one examiner will have to be collated to arrive at a reliable evaluation of this evidence. Rating scale:
Grade A (Excellent) = the intern consistently does outstanding high quality work, consistently achieved expectation and demonstrated high level of performance in all outcomes.
Grad B (Good) = the intern clearly met the defined expectations, demonstrated the required performance for all outcomes and his or her work is of good quality.
Grade C (Satisfactory) = the intern met the expectations to the minimally acceptable level, minimally acceptable quality and demonstrates the required performance for all outcomes.
Grade D (Borderline) = the quality of work is below the minimally acceptable level, met most of the expectations and demonstrate the requirements for some of the outcomes.
Grade E (Fail) = low quality work, does not met most of the basic expectations, significant improvement is needed in relation to outcomes.

b. Student Support and Guidance Activities

The department regularly conducts presentations and workshops on career counseling and guidance, especially for senior students.

The field supervisor or his designate must constructively discuss with trainee his evaluation. He must inform trainee about his strong and weak points in his performance and suggest remedial plans. Trainee must sign the evaluation form as an acknowledgement that he/she has discussed the evaluation with the field supervisor.

5. Safety and Risk Management

Potential Risks	Safety Actions	Risk Management Procedures
Construction sites injuries	Provide all safety measures on site to prevent risks of construction sites	Educate students about the risks of the construction sites.

G. Training Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Teaching staff, workload, training program effectiveness and appropriateness, and quality of learning resources employed.	Students	Indirect evaluation (Course Evaluation Survey)
Direct observation of student skills	Field Supervisor	Direct evaluation (Attendance forms and final Report)
Evaluation of the final report submitted by the student	Peer Reviewer	Direct evaluation (Final Report of the student)

Evaluation areas (e.g., Effectiveness of Training and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Supervisory Staff, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

E. Specification Approval Data

Council / Committee	
Reference No.	
Date	

Elective
Courses

مقررات
إختيارية

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Digital Architectural Photography**
Code:	**ARC 1401**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN53 ** Elective Course 1

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**1**	Level	**3**
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course deals with the language of photography in relation to architecture and landscape. Next to the study of the historical / linguistic aspects are addressed the technical aspects relating to the use of today's digital cameras and smart phones.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the fine arts as an influence on the quality of the design. Employ manual skills to develop and present projects. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction: Brief on photography	**2**
2	Photography and architecture: Practice observing	**2**
3	Composition, grid, symmetry and rule of thirds	**2**
4	Light and shadows	**2**
5	Lines and shapes - Reflections	**2**
6	Flats - Color	**2**
7	Sky and clouds	**2**
8	The dynamic range, zoom and cropping and clipping	**2**
9	Photo editing and correcting perspective aberrations	**2**
10	Selections and series	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Communicate effectively with others. (S5-a)	Interactive L. (Dialogue & discussion)	Direct Observation
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Exam (Drawing Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Bosio, A. (2019). Architecture photography with your smartphone. Schulz, A. (2015). Architectural Photography. Rocky Nook.
Essential References Materials	Rutherford, S. (2013). Beginners Guide to Real Estate Photography. Steve Rutherford.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

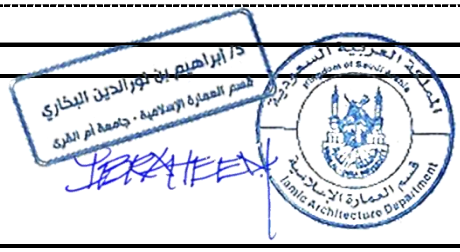
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

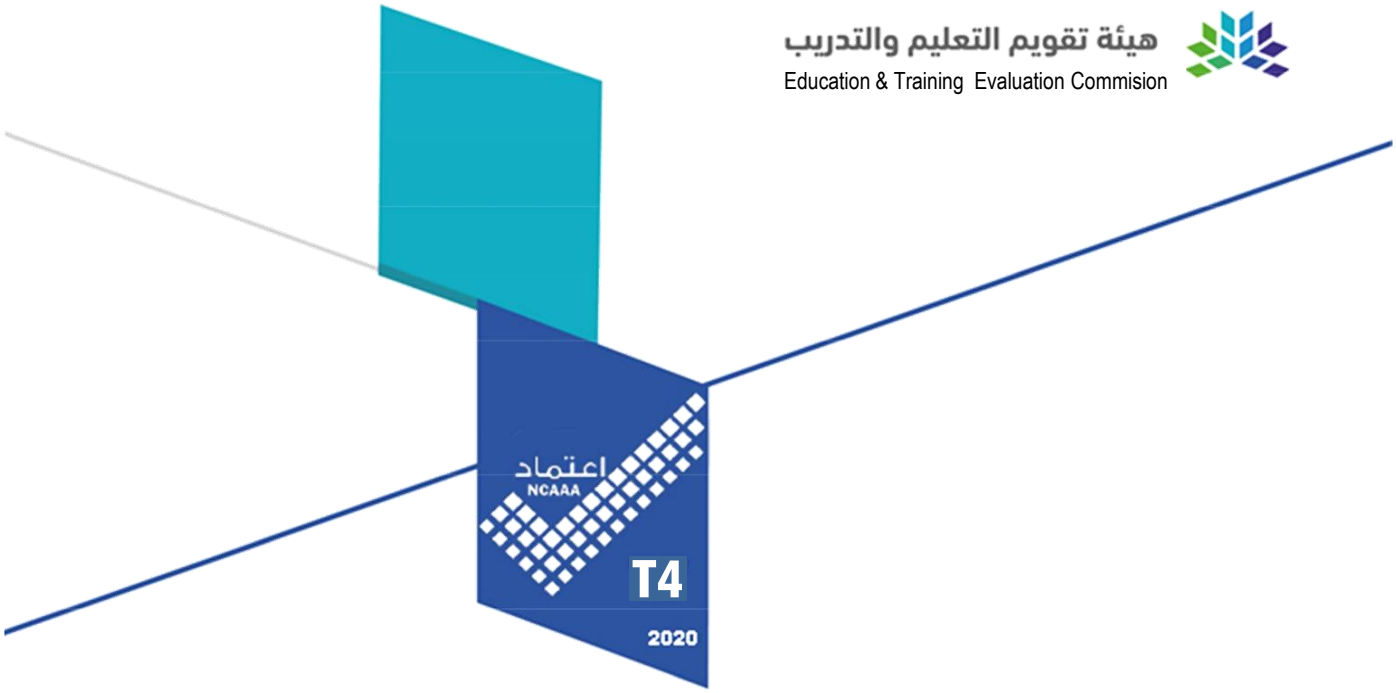
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Arabic Calligraphy and Ornamentation**
Code:	**ARC 1402**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN54 ** Elective Course 1

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3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**1**	Level	**3**

4. Pre-requisites for this course (if any)**:**

None

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The intimate relationship between religion and architecture and its decoration is a reflection of the beauty of the Islamic spirit. Calligraphy is one of the most refined forms of art. This course focuses on reticulated geometric Kufic calligraphy, the simplest type of calligraphy. This style of calligraphy does not require manual skill, so it has been widely used, especially the inscriptions on mosque facades, as well as in the decoration of interior spaces.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the fine arts as an influence on the quality of the design. Employ manual skills to develop and present projects. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	History of Islamic calligraphy and ornaments	**2**
2	Types of Islamic calligraphy and ornaments	**2**
3	Types of ornament patterns	**2**
4	Formation of decorative units using reticulated geometric Kufic style	**2**
5	Formation of ornament patterns of the Kufic letters - Part 1	**2**
6	Formation of ornament patterns of the Kufic letters - Part 2	**2**
7	Calligraphy and ornamentation crafts - Part 1	**2**
8	Calligraphy and ornamentation crafts - Part 2	**2**
9	Calligraphy and ornamentation crafts - Part 3	**2**
10	Calligraphy and ornamentation crafts - Part 4	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Communicate effectively with others. (S5-a)	Interactive L. (Dialogue & discussion)	Direct Observation
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Exam (Drawing Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	حبش، ح. (2016). الخط العربي الكوفي. دار القلم. ازيد، ص. (2011). أجمل التكوينات الزخرفية في فن كتابة الخط الكوفي لأشهر الخطاطين قديما وحديثا. دار الكتب العلمية.
Essential References Materials	Michelli, P. et al. (2017). A Handbook of Early Arabic Kufic Script. Blautopf Publishing.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

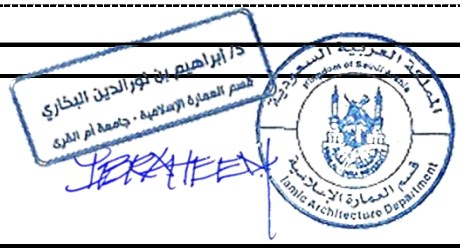
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Graphic Design Principles**
Code:	**ARC 1403**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN55 ** Elective Course 1

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1.Learning Resources 6

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**1**	Level	**3**
4. Pre-requisites for this course (if any)**:**							
None							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course provides an intense overview of the varied elements that make up the graphic design profession. From understanding graphic design fundamentals, to developing original concepts, to creating finished designs- this course develops design students' core competencies and provides practical advice and tips for how these fundamentals translate into new and evolving media.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the fine arts as an influence on the quality of the design. Employ manual skills to develop and present projects. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	**K1**
	2. Skills	
2.1	Employ manual skills to develop and present projects. (S4-a)	**S4**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	History of graphic design	**2**
2	Formstorming	**2**
3	Rhythm, Balance Hierarchy and Scale	**2**
4	Texture, Color, Grid and Pattern	**2**
5	Gestalt principles	**2**
6	Framing	**2**
7	Layers and Transparency	**2**
8	Time and motion	**2**
9	Rules and randomness	**2**
10	Influential practitioners in the field of graphic design	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Employ manual skills to develop and present projects. (S4-a)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Communicate effectively with others. (S5-a)	Interactive L. (Dialogue & discussion)	Direct Observation
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Exam (Drawing Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Lupton, E., & Phillips, J. (2015). Graphic design. Architectural Press. Gomez-Palacio, B., & Vit, A. (2012). Graphic design referenced. Rocketport Publishers.
Essential References Materials	Dabner, D., Stewart, S., & Vickress, A. (2020). Graphic design school. Wiley. Meggs, P. (1998). A history of graphic design. John Wiley & Sons.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

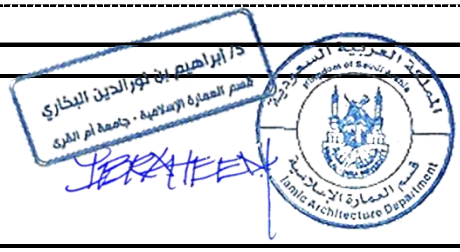
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Vocabulary of Islamic Architecture**
Code:	**ARC 1411**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN56 ** Elective Course 2

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1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:			Year	**2**	Level	**6**	
4. Pre-requisites for this course (if any)**:**							
ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces glossary of architectural and artistic terms of Islamic architecture such as entrances and gates, doors, windows, wooden works, etc. At the end of the course, students are asked to prepare and present an explanation of number of architectural and artistic terms.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Entrances and gates	**2**
2	Types of doors	**2**
3	Types of windows	**2**
4	Mashrabiya and Roshan	**2**
5	Wooden works	**2**
6	Types of Mehrab and Minbar	**2**
7	Columns and Arches	**2**
8	Domes and Minarets	**2**
9	Muqarnas	**2**
10	Presentation of various architectural and artistic terms	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	Direct Learning (Lecture)	Written Exam
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	وزيري، ي. (1999). موسوعة عناصر العمارة الاسلامية - الجزء الأول. مكتبة مدبولى.
	وزيري، ي. (1999). موسوعة عناصر العمارة الاسلامية - الجزء الثاني. مكتبة مدبولى.
Essential References Materials	رزق، ع. (2000). معجم مصطلحات العمارة والفنون الإسلامية. مكتبة مدبولى.
	Williams, L. & Remsenm W. (1987). Architectural Images Vocabulary. Aga Khan Program.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

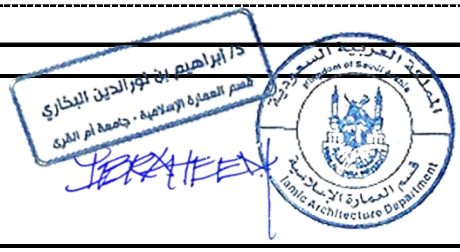
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Contemporary Mosques Architecture**
Code:	**ARC 1412**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN57 ** Elective Course 2

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D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**2**	Level	**6**
4. Pre-requisites for this course (if any)**:**							
ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Although the architectural style of new mosques varied, they all shared a single goal, the regeneration of traditional Islamic forms combined with a tendency toward a new perspective of contemporary mosque architecture that stressed the development of the mosques' forms, styles and their place in an urban setting. This course comprises design criteria for mosques and analysis various examples of innovative approaches of contemporary mosques in Saudi Arabia and in the world.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	The synthesis of form	**2**
2	Orientation: addressing the urban context and the direction to Makkah	**2**
3	The design of the prayer hall	**2**
4	The concept of space and geometry	**2**
5	The architecture of women's space	**2**
6	International examples analysis - Part 1	**2**
7	International examples analysis - Part 2	**2**
8	International examples analysis - Part 3	**2**
9	Regional examples analysis	**2**
10	Local examples analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	Direct Learning (Lecture)	Written Exam
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Kahera, A. et al. (2009). Design Criteria for Mosques and Islamic Centres. Architectural Press. Mohamed, Y., & O'Kane, B. (2014). The state mosques of the Arabian Gulf. AUC.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

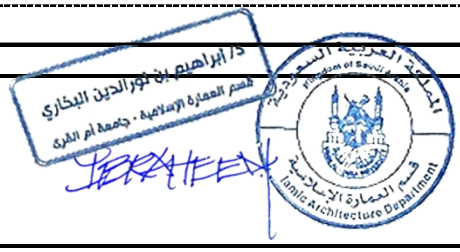
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Architecture of the Two Holy Mosques**
Code:	**ARC 1413**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN58 ** Elective Course 2

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:			Year	**2**	Level	**6**	
4. Pre-requisites for this course (if any)**:**							
ARC 1005 Architectural Design Studio 2: Medium Scale Public Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course places emphasize on establishment and Saudi Expansions of Al Masjid al-Haram and Prophet Mosque and there effects on urban surroundings. Furthermore, it discusses various topics such as security and safety in Al Masjid al-Haram and Majidi style of the Prophet Mosque. At the end of the course, students are asked to prepare and present creative proposals to facilitate worship in the Two Holy Mosques.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Establishment of Al Masjid al-Haram	**2**
2	Effect of Al Masjid al-Haram on urban surrounding before the Saudi Extensions	**2**
3	The Saudi Expansions for Al Masjid al-Haram	**2**
4	Security and safety in Al Masjid al-Haram	**2**
5	Establishment of the Prophet Mosque in Madina	**2**
6	The Saudi Expansion for the Haram of the Prophet Mosque in Madina	**2**
7	Establishment of the Prophet Mosque	**2**
8	Effect of the Prophet Mosque on urban surrounding before the Saudi Extensions	**2**
9	The Saudi Expansions and Majidi style of the Prophet Mosque	**2**
10	Proposals to facilitate worshipping in the two holy mosques	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	Direct Learning (Lecture)	Written Exam
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ministry of Information. (1992). The two Holy Mosques and their Arch. During the Saudi Reign. College of architecture and planning. (1999). The architecture of the two holy mosques.
Essential References Materials	Adawi, N. (1994). The Two Holy Mosques in Saudi Arabia. Gulf Centre for Strategic Studies. Darus Salam. (2011). Islamic Album Galleries of the Two Holy Mosques.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

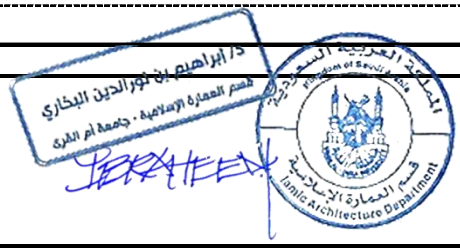
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Introduction to Urban Spaces Analysis**
Code:	**ARC 1421**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN59 ** Elective Course 3

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2. Course Main Objective 3

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C. Course Content 4

D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **3** Level **8**

4. Pre-requisites for this course (if any)**:**

ARC 1007 Architectural Design Studio 4: Conventional Structure Systems

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course discusses the form, appearance, and composition of a city. It also enables students to see where the city needs reshaping. The course deals with different scales: a neighborhood, the center, a suburban area, or a small group of buildings.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to image of the city	**2**
2	Analysis of shape, size and density	**2**
3	Analysis of landform and nature	**2**
4	Analysis of pattern, grain, texture and skyline	**2**
5	Analysis of local climate	**2**
6	Analysis of urban spaces and open spaces	**2**
7	Analysis of routes, local streets and pedestrian areas	**2**
8	Analysis of districts, landmarks, nodes and edges	**2**
9	Analysis of activity structure	**2**
10	Analysis of nonphysical aspects	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Lynch, K. (1979). The image of the city. MIT Pr.
Essential References Materials	Moughtin, C. (2016). Urban Design: Street and Square. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

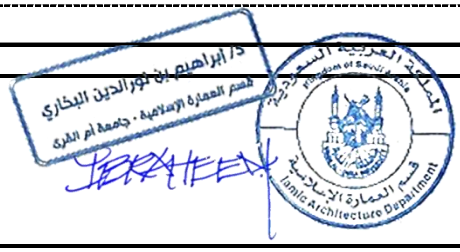
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Sustainable Landscape Architecture**
Code:	**ARC 1422**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN60 ** Elective Course 3

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B. Course Objectives and Learning Outcomes 3

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D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:			Year	**3**	Level	**8**	
4. Pre-requisites for this course (if any)**:**							
ARC 1007 Architectural Design Studio 4: Conventional Structure Systems							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces comprehensive and detailed information on principles, strategies, technologies, tools, and best practices for sustainable landscape. It offers in-depth coverage of a broad range of topics related to sustainable landscape: design, construction, and management for systems of hydrology, vegetation, soils, materials, and human health and well-being.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to sustainable landscape	**2**
2	Predesign: Site selection, Assessment and planning	**2**
3	Sustainable landscape design: Water	**2**
4	Sustainable landscape design: Vegetation and Xeriscaping	**2**
5	Sustainable landscape design: Soils	**2**
6	Sustainable landscape design: Materials and resources	**2**
7	Human health and well-being for sustainable sites	**2**
8	Operations, maintenance, monitoring and stewardship	**2**
9	Innovations: Vertical Landscapes	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Calkins, M. (2013). The sustainable sites handbook. Wiley.
	Sorvig, K., & Thompson, J. (2018). Sustainable Landscape Construction. Island Press.
Essential References Materials	Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
	Cantor, S. & Peck, S. (2008). Green Roofs in Sustainable Landscape Design. Norton & Co.
	Bousselot, J., Badertscher, K., & Roll, M. (2005). Sustainable landscaping. Colorado State Uni.
	Marietta Loehrlein, M. (2020). Sustainable Landscaping: Principles and Practices. CRC press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

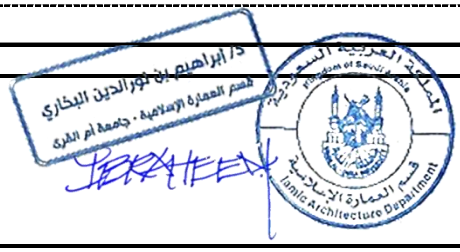
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

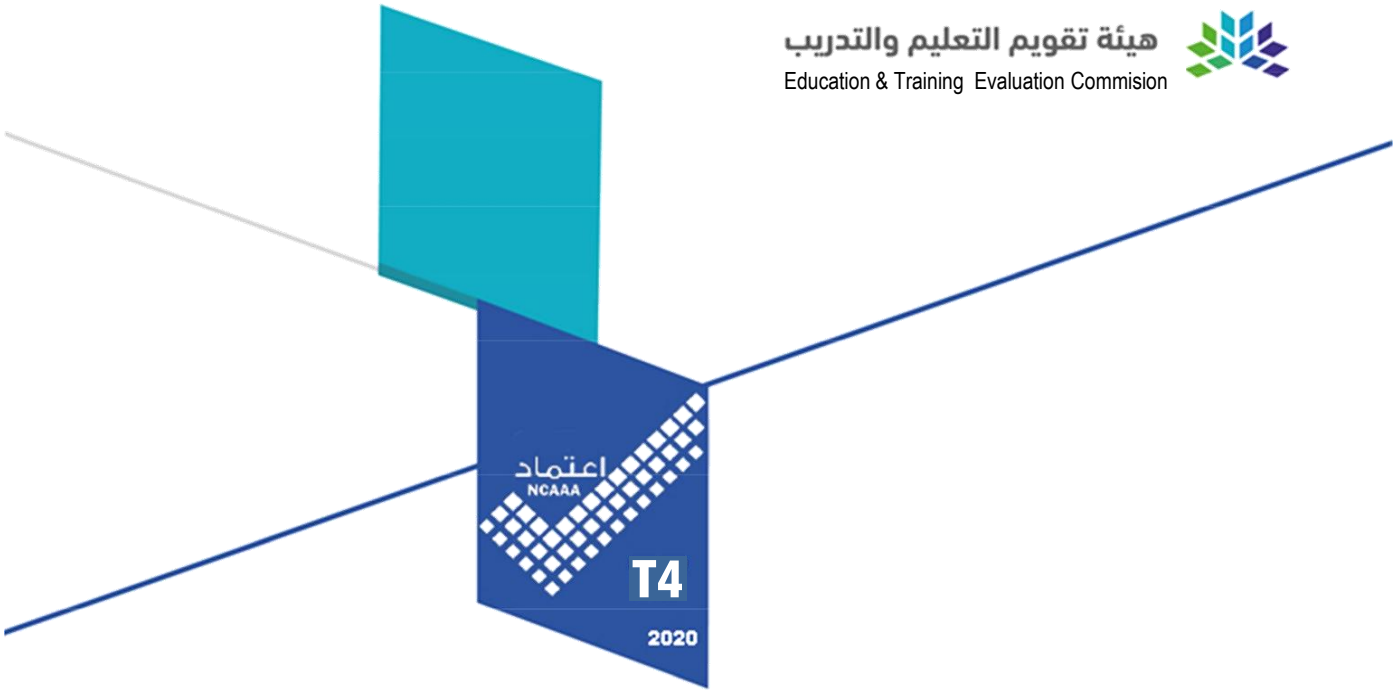
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Urban topics in Hajj and Umrah**
Code:	**ARC 1423**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UN61 ** Elective Course 3

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**3**	Level	**8**

4. Pre-requisites for this course (if any)**:**

ARC 1007 Architectural Design Studio 4: Conventional Structure Systems

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course engages students on urban topics in Hajj and Umrah in a seminar-style learning environment. This course provides an opportunity to analyze relevant research papers, especially those issued by the Institute of Hajj and Umrah Research.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Analyze relevant research papers - Part 1	**2**
3	Analyze relevant research papers - Part 2	**2**
4	Analyze relevant research papers - Part 3	**2**
5	Analyze relevant research papers - Part 4	**2**
6	Analyze relevant research papers - Part 5	**2**
7	Analyze relevant research papers - Part 6	**2**
8	Analyze relevant research papers - Part 7	**2**
9	Analyze relevant research papers - Part 8	**2**
10	Analyze relevant research papers - Part 9	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	Interactive L. (Brainstorming)	Eval. of Research
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	معهد خادم الحرمين الشريفين لابحاث الحج والعمرة. الملتقيات العلمية لأبحاث الحج والعمرة والزيارة.
	Uqu.edu.sa. (2022). from https://uqu.edu.sa/hajj/107535.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

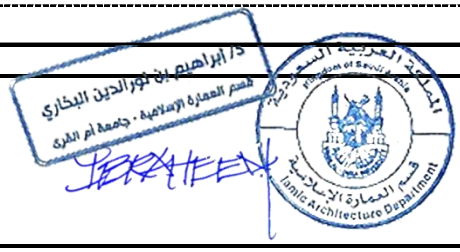
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Islamic Architecture
Department of Islamic Architecture

1444

Bachelor of
ARCHITECTURE AND PLANNING PROGRAM

برنامج بكالوريوس
العمارة والتخطيط

عمارة
تصميم حضري
تخطيط عمراني

Architecture
Urban Design
Urban Planning

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1. Program Definition
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4. Summary

Architecture

Track

مسار

العمارة

3.2

Level
(10)

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architectural Design Studio 6: Sustainable Buildings**
Code:	**ARC 2009**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR1

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H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

ARC 1305 Sustainable Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Environmental sustainability is an essential part of architectural design as passive and active sustainable design principles and technologies are integrated into the design process in a holistic approach. Students will develop previously acquired knowledge of sustainable design into a medium-sized design project. Accordingly, the student can select the appropriate sustainable strategies and technologies to improve the building's environmental performance.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Make design decisions considering user requirements and various environmental impacts. Create innovative concepts and forms for the built environment. Effectively employ digital skills in different stages of designing the built environment. Apply various means to achieve sustainable built environment. Demonstrate self-discipline and punctuality. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.4	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Sustainable design review	**10**
3	Analysis of similar projects and site analysis	**10**
4	Preliminary study of the project and its components	**10**
5	Development of plans and sustainable applications	**10**
6	Development of plans and sustainable applications	**10**
7	Development of plans and sustainable applications	**10**
8	Development of sections and elevations	**10**
9	Full project development	**10**
10	Full project development	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Assignments & Tasks
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Direct Learning (Lecture)	Multiple-choice Exam
	2. Skills		
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Eval. of Project(s)
2.4	Apply various means to achieve sustainable built environment. (S1-k)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Teamwork Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	U.S. Green Building Council. (2010). Green building design and construction.
Essential References Materials	Smith, P. (2009). Architecture in a Climate of Change. Architectural Press [Imprint].
	Saudi building code National committee (2018). Green Construction Code 1001.
	Saudi building code National committee (2018). Energy conservation- residential 602.
	Saudi building code National committee (2018). Energy conservation- nonresidential 601.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

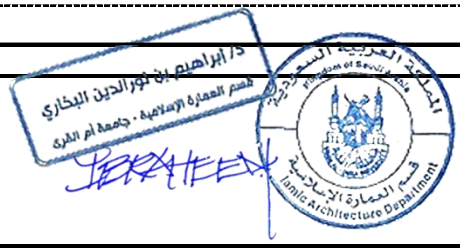
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Execution Design Studio of Residential Buildings**
Code:	**ARC 2107**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR2

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1105 Building Construction Studio 5: Finishes

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the students to the fundamentals of execution design drawings based upon previous building construction studios. The student will apply the acquired knowledge on one of his residential projects which had already been designed. Students will learn how to follow dimensioning, coordination, annotating and coding systems. They will also coordinate architectural, structural, and electromechanical requirements.

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Demonstrate an understanding of technical installations in buildings. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to execution design drawings	**6**
2	An overview of the selected projects	**6**
3	Execution design drawings of floor plans - Part 1	**6**
4	Execution design drawings of floor plans - Part 2	**6**
5	Execution design drawings of longitudinal section	**6**
6	Execution design drawings of elevations	**6**
7	Execution design drawings the site plan	**6**
8	Water supply and drainage systems	**6**
9	Electrical drawings	**6**
10	Air conditioning drawings	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Self–Learning	Drawing Exam
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Drawing Exam
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Styles, K., & Bichard, A. (2012). Working Drawings Handbook. Taylor and Francis.
	Spence, W. (1992). Architectural Working drawing. John Wiley & sons.
Essential References Materials	Bernold, L. (2015). Construction Equipment and Methods: Planning, Innovation, Safety. Wiley.
	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson.
	Levy, S. (2010). Construction databook. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

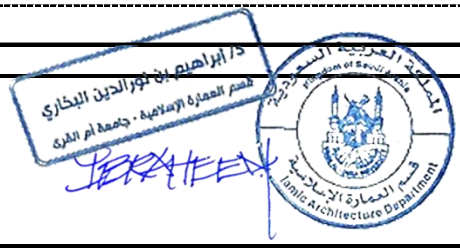
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Environmental Simulation**
Code:	**ARC 2204**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR3

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**10**
4. Pre-requisites for this course (if any)**:**							
ARC 1008 Architectural Design Studio 5: Long Spans							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course enhances the student's abilities to use software as tools to virtually create spaces or buildings whose geometry, materials, environmental factors and occupancy patterns resemble those of questionable existing or assumed buildings, in such that their environmental performance can be predicted by the software and manipulated by the student. The course introduces the basic concept of simulation with its main requirements. Through the course, student knows about different simulation programs, their required inputs, outputs and level of accuracy. In addition, student specifically learns to use specific software acquiring the expertise of modeling spaces or buildings, ascribing their relevant features and environmental factors, and extracting the required performance parameters, therefore change these parameters and re-run the simulation to optimize the predicted performance.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Make design decisions considering user requirements and various environmental impacts. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to environmental simulation	**4**
2	Basic concept of simulation	**4**
3	Shadows and radiation analysis tools	**4**
4	Energy and thermal simulation - Part 1	**4**
5	Energy and thermal simulation - Part 2	**4**
6	Energy and thermal simulation - Part 3	**4**
7	Daylighting simulation - Part 1	**4**
8	Daylighting simulation - Part 2	**4**
9	Computational fluid dynamic simulation - Part 1	**4**
10	Computational fluid dynamic simulation - Part 2	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Make design decisions considering user requirements and various environmental impacts. (S1-a)	Direct Learning (Lecture)	Computer-based Exam
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Peters, T., & Peters, B. (2018). Computing the Environment. John Wiley & Sons, Incorporated.
	Amani, N. (2021). Building Energy Management with ECOTECT Analysis. Lap Lambert.
Essential References Materials	Garg, V. et al. (2020). Building Energy Simulation: A Workbook Using DesignBuilderTM. CRC Press.
	Ho, L. (2018). EnergyPlus Energy Plus. Hansol Academy.
	Clarke, J. et al. (2001). Energy simulation in building design. Butterworth-Heinemann.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

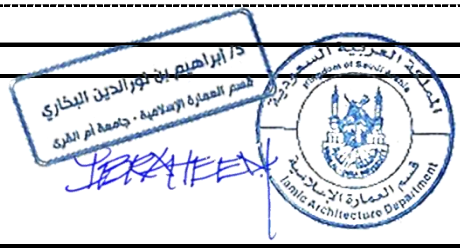
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Twentieth century Architecture**
Code:	**ARC 2327**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR4

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**10**	

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is to introduce the students to twentieth century and modernism architecture. It focusses on the pioneers and emerged movements of this period and their effect on architecture. The course examines the interaction of philosophical, cultural, ethical and socio-economic concepts and architectural form and expression. It explores the relationships between buildings and their historical and cultural contexts.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to global architecture in the twentieth century	**2**
2	Modern Architecture: First generations of pioneers	**2**
3	Modern Architecture: Second generations of pioneers	**2**
4	Late-Modern Architecture: Sculptural Form and Slick Tech	**2**
5	Twenties Revivalism and Structuralism	**2**
6	Machine Simulation	**2**
7	High Tech	**2**
8	Neo and Monumental Expressionism	**2**
9	Deconstruction	**2**
10	Post-Modern Architecture	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Moffett, M. Et al. (2008). A world History of Architecture. McGraw-Hill.
	Jencks, C. (1991). The language of post-modern architecture. Academy Editions.
Essential References Materials	Doordan, D. (2002). Twentieth century architecture. Abrams.
	Frampton, K. (2007). Modern Architecture, a Critical History. Thames and Hudson.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

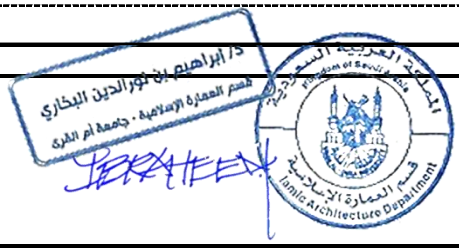
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Buildings Design Standards 2**
Code:	**ARC 2329**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR5

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

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C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**10**	

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces knowledge and skills in analyzing buildings elements and identifying the design standards and considerations of different types of complex buildings; such as hotels, healthcare buildings, office buildings, museums, theaters and cinemas, etc.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Design standards for hotels	**2**
2	Healthcare buildings - Part 1	**2**
3	Healthcare buildings - Part 2	**2**
4	Healthcare buildings - Part 3	**2**
5	Healthcare buildings - Part 4	**2**
6	Office buildings	**2**
7	Museums	**2**
8	Theaters and cinemas	**2**
9	Aquariums	**2**
10	Research centers	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell. De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
Essential References Materials	Rosenblatt, A. (2001). Building type basics for museums. J. Wiley & Sons.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

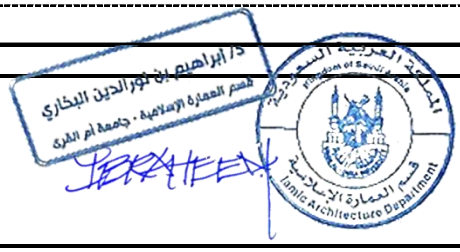
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Interior Design**
Code:	**ARC 2325**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR6

Table of Contents

A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

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C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**4**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces interior design methods by going through the elements and principles of interior design, materials, colors, light and furniture style. Furthermore, this course discusses the emergence and history of interior design focusing on the pioneers and movements of the 20th century and their effect on interior design realm. By the end of the course, students are required to submit a small computer-based interior design project.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Demonstrate an understanding of the fine arts as an influence on the quality of the design. Create innovative concepts and forms for the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.2	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Elements and principles of interior design: Finish materials	**4**
2	Elements and principles of interior design: Space and furnishings	**4**
3	Elements and principles of interior design: Natural and artificial lighting, and acoustics	**4**
4	Modernism in interior design: Art Nouveau, Art Deco and designs of Schröderhuis	**4**
5	De' Style, Bauhus and interior designs of Walter Gropius	**4**
6	Functionalism, Organism and interior designs of Le Corbusier and F. L. Wright	**4**
7	Minimal Art and designs of Donald Judd; International Style and designs of Van Der Rohe	**4**
8	Late modernism and interior designs of Foster, Peter Cook and Kisho Kurokawa	**4**
9	Postmodernism and interior designs of Hasan Fathy and Zaha Hadid	**4**
10	Ecological interiors: Renzo Piano; and green interiors: Ken Yeang	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Demonstrate an understanding of the fine arts as an influence on the quality of the design. (K1-o)	Direct Learning (Lecture)	Eval. of Project(s)
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Assignments & Tasks
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Drawing Exam)	5	20%
3	Final Submission of a project/ Written Exam	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Massey, A. (2001). Interior Design of the 20th Century. Thames & Hudson.
	Ching, F. and Binggeli, C. (2018). Interior Design Illustrated. Wiley.
Essential References Materials	De Chiara, J. (2001). Time saver standards for interior design and space planning. McGraw-Hill.
	Slotkis, S. (2017). Foundations of interior design. Fairchild Books.
	Lock, W. (1997). Interior design ideas. Eaglemoss Publications.
	Rao, P. (2006). Interior Design (Principles & Practice). Standard Publishers Distributors.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

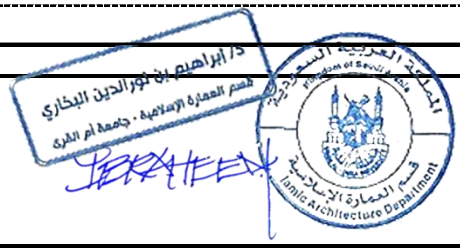
Evaluation Areas / Issues	Evaluators	Eval. Methods	
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Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

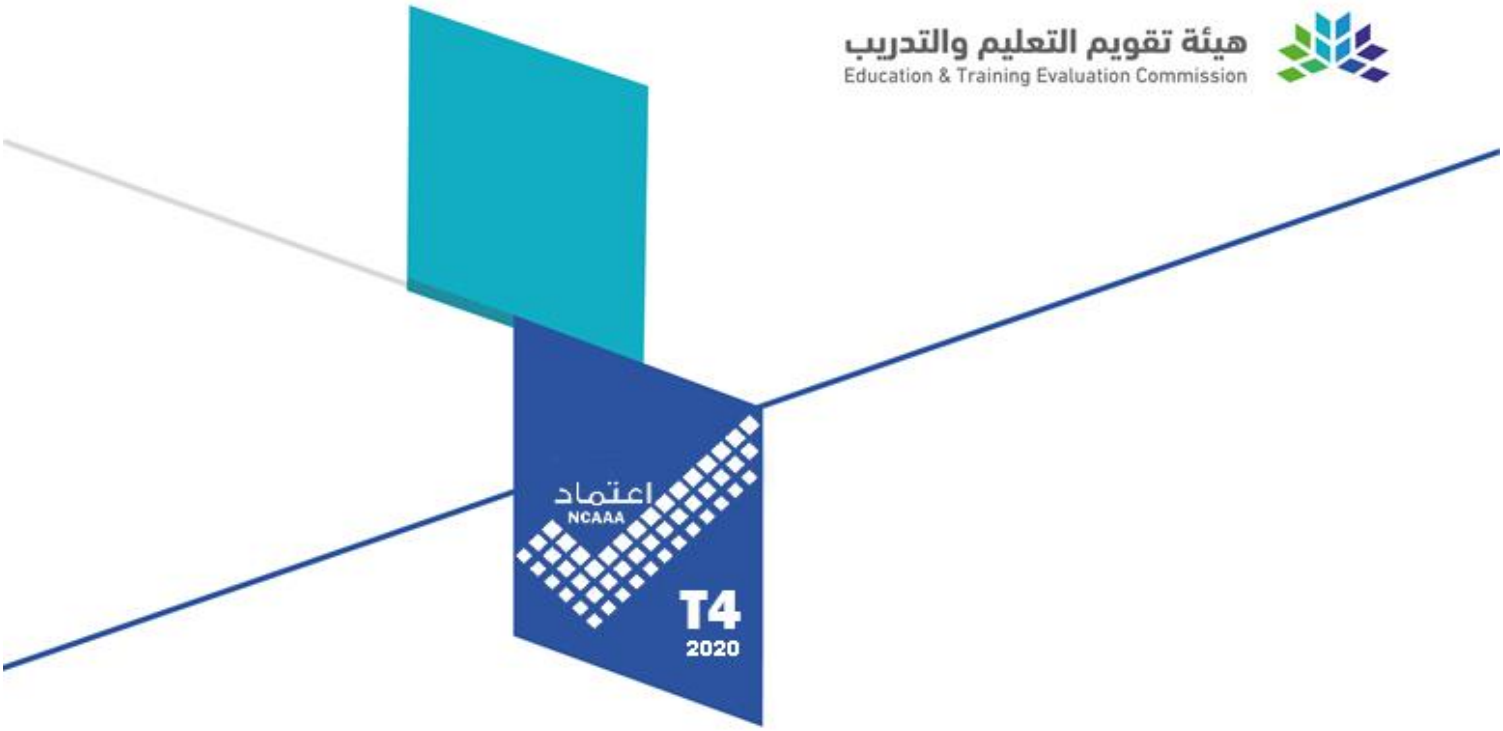
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن الكريم (3)
رمز المقرر:	**(QR3103)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 5

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 5
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 6

و – مصادر التعلم والمرافق: 6

1. قائمة مصادر التعلم: 6
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 7

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الثالثة.

4. المتطلبات السابقة لهذا المقرر:

القرآن الكريم (2)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)، للاستذكار	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم: من سورة الجن إلى سورة المرسلات.
2. تلاوة ثلاثة أجزاء: من سورة الأحزاب إلى سورة الشعراء.
3. دراسة أحكام التَّجويد.
4. شرح غريب الكلمات: من سورة الجن إلى سورة المرسلات.

2. الهدف الرئيس للمقرر

تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله -عزَّ وجلَّ-، وفق طرق الأداء المعتبرة، مع حفظ حزب واحدٍ من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي، وتصحيح تلاوة سورة الجن من 1 إلى 13 مع التَّكليف بحفظها مع شرح غريب القرآن.	2
2	تسميع سورة الجن من 1 إلى 13، تصحيح تلاوة بقية سورة الجن 14 إلى 28 مع التَّكليف بحفظها، مع شرح غريب القرآن، وتلاوة سورة الشعراء.	2
3	تسميع سورة الجن 14 إلى 28، تصحيح تلاوة سورة المزمل كاملة مع التَّكليف بحفظها. مع شرح غريب القرآن، تلاوة سورة النمل، شرح درس التجويد (الوقف والابتداء)	2
4	تسميع سورة المزمل كاملة، تصحيح تلاوة سورة المدثر من 1إلى 31 مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سورة القصص.	2
5	تسميع سورة المدثر من 1إلى 31، تصحيح تلاوة سورة المدثر 32 إلى 56 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة العنكبوت، شرح درس التجويد (السكتات المتفق عليها والمختلف فيها).	2
6	تسميع سورة المدثر 32 إلى 56، تصحيح تلاوة سورة القيامة كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الروم.	2
7	تسميع سورة القيامة كاملة، تصحيح تلاوة سورة الإنسان كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة لقمان، شرح درس التجويد (الألفات السبع الثابتة وقفاً، والمحذوفة وصلاً).	2
8	تسميع سورة الإنسان كاملة، تصحيح تلاوة سورة المرسلات مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة السجدة.	2
9	تسميع سورة المرسلات من 1 إلى 34، تلاوة سورة الأحزاب.	2

10	تسميع سورة المرسلات من 35 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	**المشاركة وحفظ الآيات وتلاوتها**	مستمر	%20
2	**الاختبار النصفي**	السادس	%20
3	**الاختبار النهائي**	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

– ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
– مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلِّيَّة.
– مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
– إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
–تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
–إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
–توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
–المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	–القرآن الكريم. – الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. – التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	–قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم

مجالات التقويم	المقيمون	طرق التقييم
تقـــويم فاعليَّـــة اســـتراتيجيات التَّـــدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر	مباشـــر: الـــزِّيارة للفصـــل وتقريـــر فاعليَّـــة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غـير مباشـر: اسـتبانة تقيـيم المقـرَّر المتاحـة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Architectural Design Studio 7: Mixed-Use Buildings**
Code:	**ARC 2010**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**11**

4. Pre-requisites for this course (if any)**:**

ARC 2009 Architectural Design Studio 6: Sustainable Buildings

ARC 2329 Buildings Design Standards 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is concerned with mixed-use public buildings that combine three or more uses into one structure such as residential, hotel, retail, parking, cultural, and entertainment, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Analysis of similar projects and site analysis	**10**
3	Preliminary study of the project and its components	**10**
4	Development of plans and structure system -Part 1	**10**
5	Development of plans and structure system -Part 2	**10**
6	Development of plans and structure system -Part 3	**10**
7	Development of sections and elevations -Part 1	**10**
8	Development of sections and elevations -Part 2	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning	Assignments & Tasks
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

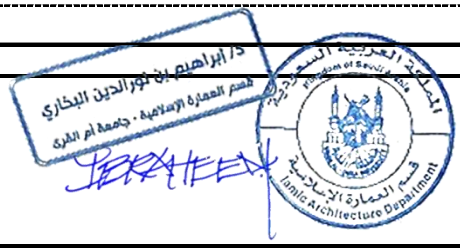
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Execution Design Studio of Public Buildings**
Code:	**ARC 2108**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **11**

4. Pre-requisites for this course (if any)**:**

ARC 2107 Execution Design Studio of Residential Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces students to an advanced stage of execution design drawings where the student applies previous knowledge to one of his already designed public projects. The students should apply dimensional and coding systems. Furthermore, they should coordinate architectural, structural and electromechanical requirements.

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Demonstrate an understanding of technical installations in buildings. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
	2. Skills	
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	An overview of the selected projects	**6**
2	Execution design drawings of floor plans - Part 1	**6**
3	Execution design drawings of floor plans - Part 2	**6**
4	Execution design drawings of floor plans - Part 3	**6**
5	Execution design drawings of longitudinal section	**6**
6	Execution design drawings of elevations	**6**
7	Execution design drawings the site plan	**6**
8	Water supply and drainage systems	**6**
9	Electrical drawings	**6**
10	Air conditioning drawings	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
1.2	Demonstrate an understanding of technical installations in buildings. (K2-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Apply the knowledge of bearing structure and materials selection. (S1-e)	Self–Learning	Drawing Exam
2.2	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Drawing Exam
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Styles, K., & Bichard, A. (2012). Working Drawings Handbook. Taylor and Francis.
	Spence, W. (1992). Architectural Working drawing. John Wiley & sons.
Essential References Materials	Bernold, L. (2015). Construction Equipment and Methods: Planning, Innovation, Safety. Wiley.
	Mehta, M. (2017). Building Construction: Principles, Materials, and Systems. Pearson.
	Levy, S. (2010). Construction databook. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

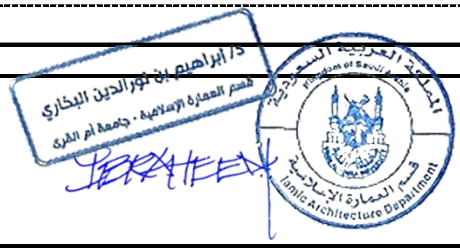
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Digital Fabrication and Prototyping**
Code:	**ARC 2206**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR10

Table of Contents

A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **11**

4. Pre-requisites for this course (if any)**:**

ARC 2009 Architectural Design Studio 6: Sustainable Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course addresses the Digital Fabrication component of the computer aided architectural design (CAAD). Students will develop their understanding through rapid prototyping and digital fabrication using CNC equipment. Throughout the course, students will practice the use of fabrication tools.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Execute physical models efficiently. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Execute physical models efficiently. (S4-b)	**S4**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**4**
2	CNC tools	**4**
3	3D Printers	**4**
4	Software interface	**4**
5	Basic tools and techniques - Part 1	**4**
6	Basic tools and techniques - Part 2	**4**
7	Basic tools and techniques - Part 3	**4**
8	Advances tools and techniques - Part 1	**4**
9	Advances tools and techniques - Part 2	**4**
10	3D Print the model	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
2.2	Execute physical models efficiently. (S4-b)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Practical Exam)	5	20%
3	Final Submission of a project	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Cline, L. (2015). 3D printing with Autodesk 123D, Tinkercad, and Makerbot. McGraw-Hill.
	Awari, G. et al. (2021). Additive manufacturing and 3D printing technology. CRC Press.
Essential References Materials	Pope, A. (2019). 3D printing issues. Independently published.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped Studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

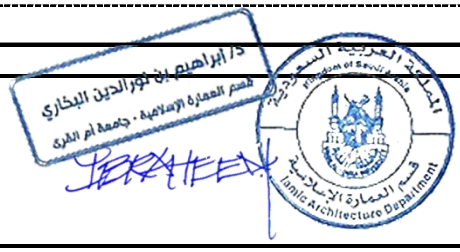
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Creativity in Architecture**
Code:	**ARC 2318**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR11

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **4**		Level **11**	
4. Pre-requisites for this course (if any)**:**							
ARC 2009 Architectural Design Studio 6: Sustainable Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course presents effective techniques of creative processes in the field of architectural design, and how to encourage, activate and maximize creative abilities of the student. Furthermore, this course analyses examples of creative design projects to enhance student's understanding of creative processes and the ability to apply one of them.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Create innovative concepts and forms for the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to creativity	**2**
2	Types of creativity in architecture	**2**
3	Characteristics of creative architect	**2**
4	Stages of creative thinking	**2**
5	Techniques for improving creative thinking	**2**
6	Inspiration in architecture	**2**
7	Architectural design thinking: Case Studies -Part 1	**2**
8	Architectural design thinking: Case Studies -Part 2	**2**
9	Architectural design thinking: Case Studies -Part 3	**2**
10	Architectural design thinking: Case Studies -Part 4	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	نوبي, ح. (2008). الابداع في العمارة (المفهوم - المرتكزات- التطور التاريخي). النشر العلمي والمطابع- جامعة الملك سعود.
	نوبي, ح. (2014). الالهام المعماري. النشر العلمي والمطابع- جامعة الملك سعود.
Essential References Materials	Schinnell, S. (2022). Strategies For Problem-Solving. Independently published.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

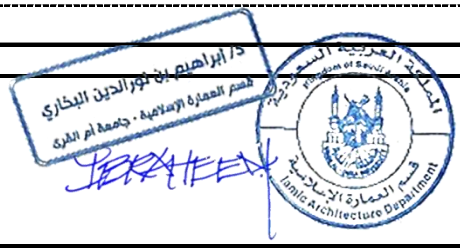
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Conservation of Architectural Heritage**
Code:	**ARC 2320**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR12

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **11**

4. Pre-requisites for this course (if any)**:**

ARC 2009 Architectural Design Studio 6: Sustainable Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course emphasizes on the importance of architectural heritage. It introduces different criteria for identification, classification, documentation and levels of conservation of architectural heritage. It discusses threats facing architectural heritage such as negligence, lack of maintenance and deterioration significances. This course is considered as an introduction to "Architectural Design Studio 9: Conservation of Heritage Buildings".

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Describe the conservation methods of the built heritage. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Describe the conservation methods of the built heritage. (K1-g)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Importance of conserving architectural heritage	**2**
2	Threats facing architectural heritage	**2**
3	Classification of architectural heritage	**2**
4	Documentation of architectural heritage	**2**
5	Levels of conservation: Preservation	**2**
6	Levels of conservation: Rehabilitation	**2**
7	Levels of conservation: Restoration	**2**
8	Levels of conservation: Reconstruction	**2**
9	Regional experiences of protecting architectural heritage	**2**
10	International experiences of protecting architectural heritage	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Describe the conservation methods of the built heritage. (K1-g)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Alalouch, C., (2019). Conservation of Architectural Heritage. Springer
	Versaci, A. & Bougdah, H. (2022). Conservation of Architectural Heritage. Springer.
Essential References Materials	Pickard, R. (2012). Policy and law in heritage conservation. Taylor & Francis.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

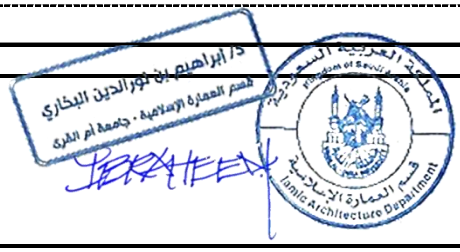
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٣)
رمز المقرر:	ICC3203
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

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١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

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و – مصادر التعلم والمرافق: ٦

١. قائمة مصادر التعلم: ٦

٢. المرافق والتجهيزات المطلوبة: ٧

ز. تقويم جودة المقرر: ٧

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:
٢. نوع المقرر أ. متطلب جامعة ☐ متطلب كلية ☐ متطلب قسم ☐ أخرى ب. إجباري ☐ اختياري
٣. السنة / المستوى الذي يقدم فيه المقرر
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) **ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١**
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية يبين فيها أهمية الأسرة والمجتمع، من حيث مفهومها، ومكانتها، ومقاصد بنائها، وهدي الإسلام في حل المشكلات والتعامل معها، وكما يقدم دراسة تحليلية لأسرتي خليلي الرحمن: إبراهيم ومحمد عليهما الصلاة والسلام.

٢. الهدف الرئيس للمقرر:

- التعرف على أهمية الأسرة ومكانتها.
- إدراك وسطية الإسلام في تعزيز قيمة الأسرة والمجتمع.
- بيان مراعاة الشريعة لحفظ الضرورات الخمس.
- تعريف الطالب بمسؤوليته تجاه مجتمعه.
- التعريف بأسرة إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم.

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعرّف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.2	يعدد النظم الإسلامية ومقاصدها ومصادرها وخصائصها	
1.3	يشرح بنظام الأسرة في الإسلام وأهم الشبه المثارة عليه	
1.4	يستعرض مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	
1.4	يقدم شرحا عن تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	
2	**المهارات**	
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	
2.2	يقارن بين النظام الاقتصادي في الإسلام والأنظمة الوضعية	
2.3	حرر مذهب السلف في تحريم الخروج على أئمة المسلمين	
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	
3	**القيم**	
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	
3.2	يكون عالقات ناجحة داخل الجامعة وخارجها	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مفهوم الأسرة، وأهميتها، ومقاصدها:** يدرس الطالب في هذه المفردة مفهوم الأسرة، وأهميتها، ومقاصد بنائها من حيث كونها اللبنة الأولى التي تنشأ فيها الأجيال.	٢
٢	**مراحل تكوين الأسرة:** تتطرق هذه المفردة إلى يان مراحل تكوين الأسرة، من فترة البدء في فكرة الزواج ، وحتى تكوين الأسرة بأفرادها: من زوج وزوجة وأبناء	٢
٣	**الواجبات والحقوق بين الزوجين:** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين الزوجين، سواء الحقوق المفردة أو المشتركة بينهما. **الواجبات والحقوق بين أفراد الأسرة (الإباء، الأبناء، الأرحام):** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين أفراد الأسرة الواحدة: حقوق الآباء على الأبناء، وحقوق الأبناء على الآباء، والحقوق بين الأقارب والأرحام.	٢
٤	**الخلافات الأسرية، ومنهج الإسلام في التعامل معها:** في هذه المفردة سيتعلم الطالب منهج الإسلام في بناء الأسرة المسلمة، وعلاج الخلافات الأسرية وفق المنهج الرباني.	٢
٥	**المجتمع: مفهومه، مقاصده، سننه:** تتطرق هذه المفردة إلى التعريف بالمجتمع، وخصائصه، والمقاصد الشرعية للاجتماع، والهدي الشرعي في الاجتماع. **الفروض الكفائية والمسؤولية المجتمعية:** يدرس الطالب في هذه المفردة الفروض الكفائية، وعلاقتها بالمجتمع، وتعريفها، وبيان أنواعها، وفضائلها، وأمثلة عليها كمساعدة الفقراء والمساكين، والإحسان إلى الآخرين.. ونحوها.	٢
٦	**الضرورات الخمس: مفهومها، أهميتها، آثارها:** يدرس الطالب في هذه المفردة مفهوم المحافظة على الضرورات الخمس: الدين، والنفس، والعقل، والعِرض، والمال، وأهميتها، وأثارها الإيجابية على المجتمع.	٢
٧	**نظام الثواب والعقاب وأثره على الفرد والأسرة والمجتمع:** يدرس الطالب في هذه المفردة ما جاءت به الشريعة الإسلامية من نظام الثواب والعقاب، وبيان أثره على الأمن المجتمعي.	٢

٨	**المشكلات الاجتماعية: مظاهرها، علاجها:** تتطرق هذه المفردة إلى المشكلات الاجتماعية، من حيث: تعريفها، وأمثلة عليها، ومظاهرها، وطرق الوقاية والعلاج.	٢
٩	**دراسة تحليلية لأسرة خليل الرحمن إبراهيم عليه السلام، دراسة تحليلية لأسرة النبي محمد ﷺ:** تعنى هاتان المفردتان بدراسة تحليلية لسيرة خليلي الرحمن إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم، ونماذج من سيرتهم الأسرية، كقصة إبراهيم عليه الصلاة والسلام مع ساره وهاجر، ومع إسماعيل عليه السلام، وبناء الكعبة. كذلك قصة حادثة الإفك التي حدثت لبيت النبي صلى الله عليه وسلم. كما تتطرق المفردة إلى كيفية تحليل النص وتطبيقه في حياته الأسرية والاجتماعية.	٢
١٠	**دراسة تحليلية لمجتمع النبي ﷺ في المدينة:** يدرس الطالب في هذه المفردة مجتمع النبي صلى الله عليه وسلم، ومكوناته، ويتعرف على خصائص مجتمع الصحابة رضي الله عنهم.	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يتعرف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. أوراق عمل
1.2	يلم بنظام الأسرة في الإسلام وأهم الشبه المثارة عيه	التعلم الذاتي المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية عرض البحوث والمناقشة
1.3	يحدد مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. أوراق عمل
1.4	يذكر تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	تقييم الأبحاث وأوراق العمل
2.2	يقارن بين النظام الاقتصادي فري الإسلام الأنظمة الوضعية	ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكوين ملكة النقد واستخدام أسلوب المقارنة	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحرر مذهب السلف في تحريم الخروج على أئمة المسلمين	التعليم التعاوني الطريقة الاستقرائية	الملاحظة المباشرة والتقييم الجماعي تقييم أبحاث

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	التعلم الذاتي التكليف بواجبات	تقييم الأبحاث
3.0	**القيم**		
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	التعلم التعاوني الحوار والمناقشة	الملاحظة المستمرة وتقويم الأداء
3.2	يكون علاقات ناجحة داخل الجامعة وخارجها	التعلم التعاوني	الملاحظة المستمرة والتقييم الجما عي
3.3	يتمثل القيم الأخلاق الإسلامية الحميدة	التعليم التعاوني من خلال التكليف بواجبات وأبحاث وأنشطة جماعية التعليم على بناء الشخصية القدوة	الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	%٦٠
٢	التقويم المستمر	كل أسابيع الدراسة	%١٠
٣	عرض البحوث والمناقشة	التاسع	%١٥
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	%١٥

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	زاد المعاد في هدي خير العباد لابن القيم.
المراجع المساندة	١- السيرة النبوية لابن هشام. ٢- كتاب النكاح من خلال كتب السنة وشروحها. ٣- تحفة المودود بأحكام المولود لابن قيم الجوزية.
المصادر الإلكترونية	المكتبة الرقمية السعودية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، إدارة القسم، لجنة الجودة	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

اعتماد NCAAA
T4 2020

توصيف المقرر الدراسي

اسم المقرر:	الكتابة والتحرير العربي
رمز المقرر:	ARS1601
البرنامج:	يقدم لجميع طلبة الجامعة
القسم العلمي:	قسم اللغة والنحو والصرف
الكلية:	اللغة العربية وآدابها
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 4

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 4
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلبةي: 5

و – مصادر التعلم والمرافق: 5

1. قائمة مصادر التعلم: 5
2. المرافق والتجهيزات المطلوبة: 5

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 6

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: 2 ساعة
2. نوع المقرر أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐ ب. إجباري ☑ اختياري ☐
3. السنة / المستوى الذي يقدم فيه المقرر: العام الأول
4. المتطلبات السابقة لهذا المقرر (إن وجدت) **لا يوجد**
5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20
2	معمل أو إستوديو	-
3	دروس إضافية	-
4	أخرى (تذكر) الساعات المكتبية	-
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

هذا المقرر أحد متطلبات جامعة أم القرى يدرسه جميع طلبة الجامعة وهو أحد مقررات الهوية العربية للجامعة ولطلبتها التي تحرص الجامعة على إبرازها ضمن رؤيتها ونقاط تميزها بين الجامعات.

2. الهدف الرئيس للمقرر

يهدف هذا المقرر إلى تمكين الطلبة من مهارات الكتابة اللغوية السليمة، مستعملين قواعد الرسم وعلامات الترقيم، ومتمكّنين من قواعد اللغة والصرف والنحو والمعجم، ومعبّرين تعبيرًا صحيحًا، مع قوّة الإقناع وغزارة الألفاظ، متجنّبين الأخطاء اللغويّة الشائعة، كما يمكّنهم من مهارات القراءة والفهم واستيعاب المقروء وتلخيصه.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	المعرفة والفهم	
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	
2	المهارات	
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	
3	القيم	

رمز مخرج التعلم المرتبط للبرنامج	مخرجات التعلم للمقرر	
	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	3.1
	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	3.2

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	أهمّيّة السّلامة اللّغويّة في كتابتنا، التمكّن من قواعد الرّسم الكتابيّ (الهمزة – الألف المتطرّفة) – علامات الترقيم، كتابة الأعداد بالحروف.	2
2	التعبير الصحيح في الكتابة للتعبير عن العدد والجنس والتعريف والتنكير والفاعلية والمفعولية والتكثير والمبالغة.	2
3	اتّقان تركيب الجملة العربيّة (أنواع الجمل – سمات الجملة الصّحيحة – القواعد الوظيفيّة- أدوات الرّبط).	2
4	تجويد الأساليب الكتابيّة: (مثل: الأمر – النّهي – النّفي - التّوكيد – النّداء – الاستفهام ...)	2
5	تنمية الثّروة اللّفظيّة وتوظيفها في الكتابة – الإفادة من المعجم العربيّ بنوعيه (المعاني والألفاظ)	2
6	الأخطاء الكتابيّة الشّائعة (إملائيّة – صرفيّة – نحويّة – أسلوبيّة)	2
7	الكتابة الوظيفية، وأنواعها: (الطلبات الإدارية، السيرة الذاتية، التقرير، الموجز التفصيلي، محضر الاجتماع) مع نماذج تطبيقيّة.	2
8	اختبار دوري تطبيقي: ضبط نصوص لغوية وإعادة كتابتها مضبوطة بالشكل مع استخدام علامات الترقيم المناسبة.	2
9	أنواع القراءة وأهمية كل نوع منها. ومهارة القراءة الجهرية وتمييز الأخطاء من خلال قراءة نصوص مختارة.	2
10	مهارة الفهم وتلخيص المقروء من خلال نماذج تطبيقية من نصوص مختارة.	2
	المجموع	20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	المعرفة والفهم		
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	المحاضرة مع النماذج التطبيقية	المناقشة والحوار
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	المناقشة والتحليل وتصميم الخرائط المفاهيمية	الاختبار النهائي
2	المهارات		
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	المحاضرة والتكليفات	تكليفات وواجبات
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	التكليفات مع الحوار والمناقشة	الحوار والمناقشة
3	القيم		
3.1	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	التعلم التعاوني	الملاحظة والاستماع
3.2	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	التعلم التعاوني	الملاحظة والحوار مع تصميم بطاقة ملاحظة للتقويم

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	الاختبار النصفي	السادس	10
2	الاختبار الدوري التطبيقي	الثامن	5
3	الواجبات والأنشطة الصفية (مثل الملخصات- التقارير- نماذج من التكليفات)	على مدار الفصل	5
4	الاختبار النهائي		60
	الإجمالي		100% من الدرجة الكلية

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

أ- تشجيع الطلبة على التواصل مع عضو هيئة التدريس في مكتبه، وعبر الإنترنت للإجابة عن استفساراتهم، والمشاكل التي تعترض سبيل استيعابهم للمقرر.

ج- تخصيص ساعات إضافية لمساعدة الضعيف من الطلبة، ورعاية الموهوبين منهم.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	المساعد في المهارات اللغوية أ.د/ رياض الخوام.
المراجع المساندة	-فن التحرير العربي ضوابطه وأنماطه. د/ محمد صالح الشنطي. - فنون الكتابة ومهارات التحرير العربي. د/ كمال زعفر علي. -فن الكتابة والتعبير. د/ محمد علي أبو حمدة. - أساسيات التحرير وفن الكتابة بالعربية، د/ حسين المناصرة ورفيقيه. - معجم الأخطاء الشائعة، محمد العدناني. - معجم أخطاء الكتَّاب، صلاح الدين الزعبلاوي. - قل ولا تقل، مصطفى جواد. - نحو إتقان الكتابة العلمية باللغة العربية، لمكي الحسني. -أخطاء الكتّاب والإذاعيين، أحمد مختارعمر. -معجم الأغلاط اللغوية المعاصرة، للعدناني - دليل الأخطاء الشائعة في الكتابة والنطق، لمروان البوَّاب التحرير العربي، د/ أحمد شوقي رضوان، ود/ عثمان بن صالح القريح.
المصادر الإلكترونية	موقع مكتبة الملك عبد الله الجامعية
أخرى	الأقراص المدمجة

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	لا يوجد
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	برنامج البلاك بورد

العناصر	متطلبات المقرر
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية استراتيجيات التدريس المستخدمة	النظير الطلبة	(مباشر) (غير مباشر)
فاعلية آلية تقييم الطلبة	النظير	(مباشر)
كفاية مصادر التعلم	أستاذ المقرر الطلبة	(مباشر) (غير مباشر)
مصداقية الاختبار وموضوعيته	نظير من نفس التخصص لجنة فحص أسئلة الاختبار	(مباشر) (غير مباشر)
مدى تحقق مخرجات التعلم للمقرر	أستاذ المقرر – قيادة البرنامج الطلبة	(مباشر) (غير مباشر)

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلبة، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	رئيس القسم. د أسامة بن أحمد السلمي
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Architectural Design Studio 8: Conservation of Heritage Buildings**
Code:	**ARC 2011**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings

ARC 2320 Conservation of Architectural Heritage

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio emphasizes the importance of architectural heritage as it applies the different levels of conservation of heritage buildings. This course is an application of the "Conservation of Architectural Heritage" Course, where one of the important heritage buildings in Saudi Arabia is being reused.

2. Course Main Objectives

The course aims at the students to: Describe the conservation methods of the built heritage. Apply the knowledge of theories and methods of designing the built environment. Apply the knowledge of historical, social and cultural references in the design of the built environment. Effectively employ digital skills in different stages of designing the built environment. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Describe the conservation methods of the built heritage. (K1-g)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.2	Apply the knowledge of historical, social and cultural references in the design of the built environment. (S1-f)	**S1**
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Course identification and introduction to the project	**10**
2	Conservation of architectural heritage in Saudi Arabia review	**10**
3	Analysis of similar projects and site analysis	**10**
4	Preliminary study of the project and its components	**10**
5	Development of reused plans -Part 1	**10**
6	Development of reused plans -Part 2	**10**
7	Development of reused plans -Part 3	**10**
8	Development of sections and elevations	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Describe the conservation methods of the built heritage. (K1-g)	Interactive L. (Dialogue & discussion)	Eval. of Research
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of historical, social and cultural references in the design of the built environment. (S1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Project(s)

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Alalouch, C., (2019). Conservation of Architectural Heritage. Springer
	Versaci, A. and Bougdah, H. (2022). Conservation of Architectural Heritage. Springer.
Essential References Materials	Pickard, R. (2012). Policy and law in heritage conservation. Taylor & Francis.
	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

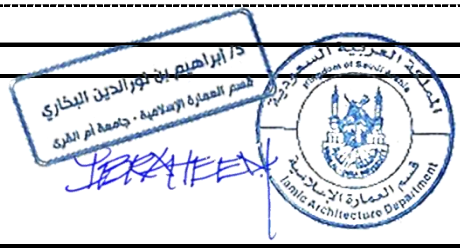
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Execution Design Studio of Blow-Ups Detailing**
Code:	**ARC 2106**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**12**	

4. Pre-requisites for this course (if any)**:**

ARC 2108 Execution Design Studio of Public Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

The main concern and focus of this course is about blow-ups detailing drawings. The student will design various details of the public building project which had been submitted in the previous execution design studio.

2. Course Main Objectives

The course aims at the students to: Differentiate between various types of building materials, building technologies and structural systems. Create innovative concepts and forms for the built environment. Apply the knowledge of bearing structure and materials selection. Perform drawings efficiently and accurately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of bearing structure and materials selection. (S1-e)	**S1**
2.3	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to blow-ups detailing	**6**
2	Partition walls details	**6**
3	Curtain walls	**6**
4	Suspended ceilings	**6**
5	Skylight	**6**
6	Special stairs construction	**6**
7	Front counter	**6**
8	Internal fountains and water features	**6**
9	Landscape features	**6**
10	Details of other appropriate items	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Self–Learning	Eval. of Project(s)
2.2	Apply the knowledge of bearing structure and materials selection. (S1-e)	Self–Learning	Drawing Exam
2.3	Perform drawings efficiently and accurately. (S4-c)	Self–Learning	Drawing Exam
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dawson, S. (2002). Architect's working details. Emap Architecture. Dickinson, D. (1997). Expressive details. McGraw-Hill.
Essential References Materials	Allen, E., & Rand, P. (2016). Architectural detailing. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

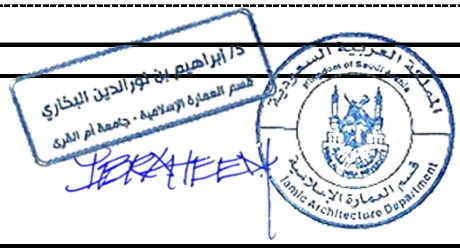
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Professional Practice for Architects**
Code:	**ARC 2322**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**12**
4. Pre-requisites for this course (if any)**:**							
ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of architecture in Saudi Arabia. The course includes a review to the responsibility of architects in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of architecture.

2. Course Main Objectives

The course aims at the students to: Identify the professional ethics and responsibilities related to the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Apply the knowledge of professional and regulatory requirements. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	**K3**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	An introduction to the state of architectural professional practice	**2**
2	The professional role of the architect	**2**
3	Competencies of an architect	**2**
4	Ethics in architectural profession	**2**
5	Regulations and rules that govern the professional practice	**2**
6	Practicing the architectural profession in Saudi Arabia	**2**
7	Principles for administering architectural or consulting offices	**2**
8	Successful architectural management of an architectural office	**2**
9	Portfolio preparation	**2**
10	Writing of curriculum vitae (CV)	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	Direct Learning (Lecture)	Written Exam
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Saudi building code National committee (2018). The Saudi building code general 201.
	AIA. (2017). The architecture student's handbook of professional practice. Wiley.
Essential References Materials	Chapell, D. & Dunn, M. (2015). The Architect in Practice, Wiley-Blackwell.
	Piven, P. et al. (2008). Essentials of starting, assessing, & transitioning a design firm. Wiley.
	صالح العشيش. (1996). إدارة تنفيذ المشروعات الهندسية. مكتبة العبيكان
	غسان الدوسري. (2018). ملاحظات على إدارة مشاريع الهندسة والإنشاء
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

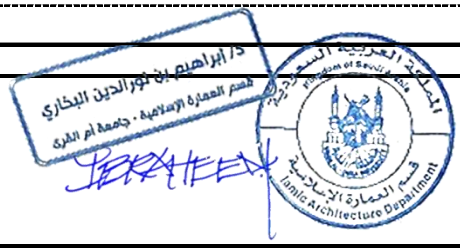
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Architecture of Mega Structures**
Code:	**ARC 2323**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 2329 Buildings Design Standards 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course provides a deeper understanding of mega structures buildings concepts, design structures and components. It introduces students to different mega structures buildings' types via case studies such as medical cities, multi-function buildings, skyscrapers, airports, train stations and stadiums. This course covers the analysis of space program, the design philosophy, design concept and structural elements of these kinds of buildings. Students learn to develop their own understanding of designing and analyzing different types of mega structures buildings.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Differentiate between various types of building materials, building technologies and structural systems. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Mega structures: The matter of size and function	**2**
2	Airports	**2**
3	Train stations	**2**
4	Skyscrapers: Futuristic	**2**
5	Skyscrapers: Realistic	**2**
6	Colleges and universities	**2**
7	Sport cities and stadiums	**2**
8	Holiday Resorts	**2**
9	Regional shopping centers	**2**
10	Mega structures: principles and presentations	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Differentiate between various types of building materials, building technologies and structural systems. (K2-a)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Report
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Engel H. (2007). Structure systems. Praeger.
	Graham, I. (2012). Megastructures: Tallest, Longest, Biggest, Deepest. Firefly Books.
Essential References Materials	Schierle, G. (2006). Architectural structures. University of Southern California.
	Sev, A. (2015). Innovations in Tall Building Design and Technology. Scholars' Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

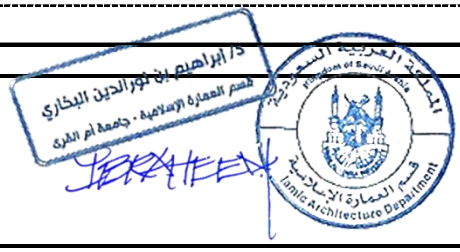
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Applications of the Saudi Building Code in Architecture**
Code:	**ARC 2326**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The Kingdom of Saudi Arabia is witnessing huge projects and rapid developments in the construction sector. Hence, the Saudi Building Code was developed to be a scientific and engineering reference at the national and regional levels. This course reviews some topics in The General Building Code (SBC 201).

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of technical installations in buildings. Explain the nature of construction industry. Independently seek information and use it appropriately. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	**K2**
1.2	Explain the nature of construction industry. (K2-d)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Definition and importance of Saudi Building Code	**2**
2	The scope of the Saudi Building Code and its applicability	**2**
3	Classification of establishments according to use and occupancy	**2**
4	Special detailed requirements based on usage and occupancy - part 1	**2**
5	Special detailed requirements based on usage and occupancy - part 2	**2**
6	Heights and areas of public buildings	**2**
7	Fire and smoke protection equipment	**2**
8	Fire protection systems	**2**
9	Emergency exit regulations	**2**
10	Entry requirements	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of technical installations in buildings. (K2-c)	Direct Learning (Lecture)	Written Exam
1.2	Explain the nature of construction industry. (K2-d)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Saudi building code National committee. (2018). Saudi Building Code: SBC 201.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

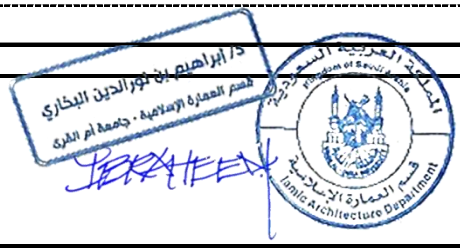
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

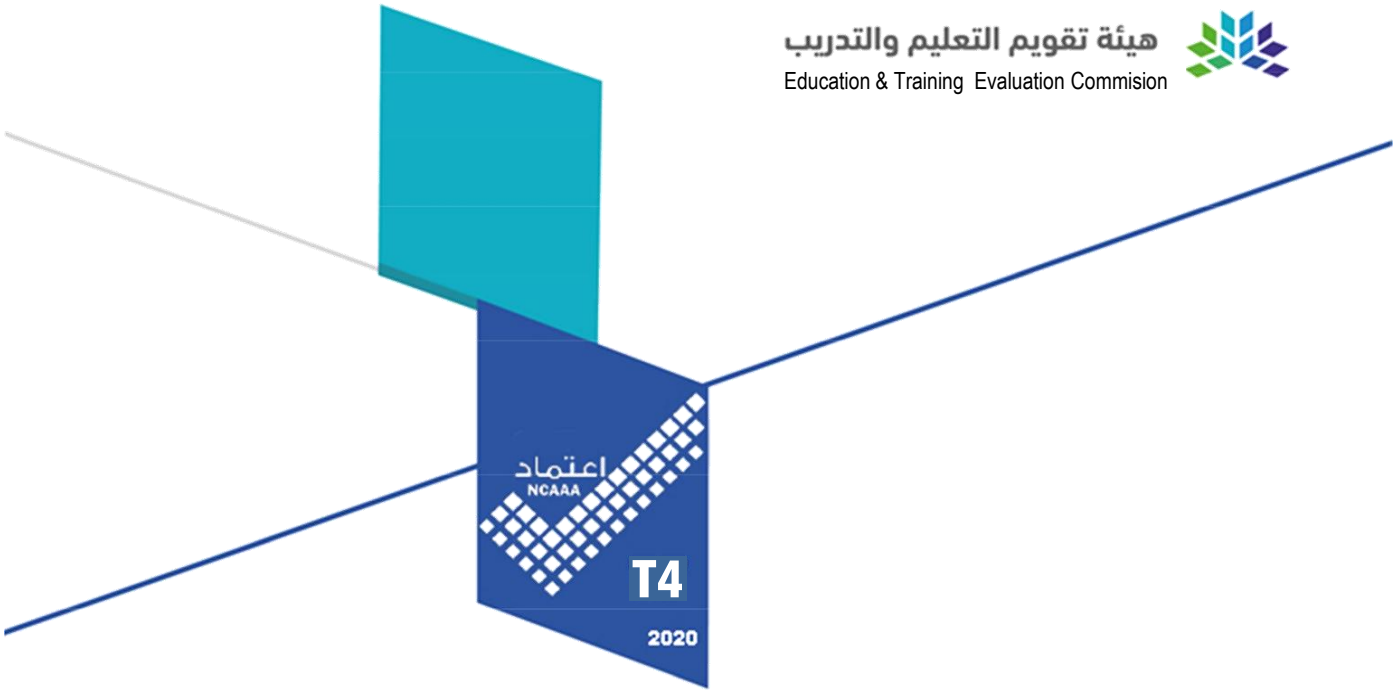
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Architectural Design Studio 9: Professional Practice**
Code:	**ARC 2012**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **5**		Level **13**	

4. Pre-requisites for this course (if any)**:**

ARC 2011 Architectural Design Studio 8: Conservation of Heritage Buildings

ARC 2322 Professional Practice for Architects

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is concerned with designing a real project. It illustrates how to form strong basics of architectural professional practice. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. The location of the project is determined in coordination with the relevant authorities in the public or private sectors, if any, or by the coordinator of the studio.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Defining project program and identify the relevant laws, rules and legislations	**10**
2	Analysis of similar projects; and site analysis	**10**
3	Preliminary study of the project and its components	**10**
4	Development of plans and structure system -Part 1	**10**
5	Development of plans and structure system -Part 2	**10**
6	Development of plans and structure system -Part 3	**10**
7	Development of sections and elevations -Part 1	**10**
8	Development of sections and elevations -Part 2	**10**
9	Full project development -Part 1	**10**
10	Full project development -Part 2	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning (Research work)	Eval. of Report
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Project(s)

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

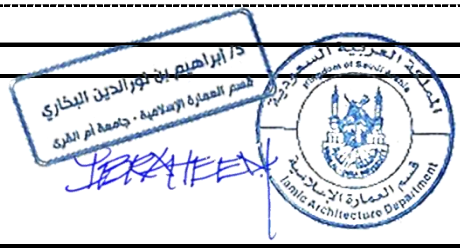
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Graduation Project Research: Architecture**
Code:	**ARC 2324**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 2011 Architectural Design Studio 8: Conservation of Heritage Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**20**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to "Graduation Project Studio 1: Architecture". It focuses on choosing a graduation project title that matches the student's approach. Furthermore, student will learn how to prepare an actual project methodology through studying and analyzing past experiences of similar projects locally, regionally and internationally. This course enables the student to choose appropriate site, prepare detailed space program, and define planning and design standards for the selected project. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Independently seek information and use it appropriately. Analyze data from a variety of sources. Formulate results of different experiments. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
2.3	Formulate results of different experiments. (S3-c)	**S3**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Scientific research objectives and its scope	**2**
2	Research problem, hypothesis and methodology	**2**
3	Selecting the graduation project	**2**
4	Analyses of previous similar projects - Part 1	**2**
5	Analyses of previous similar projects - Part 2	**2**
6	Specifying and selecting the appropriate site	**2**
7	Defining the project program	**2**
8	Development of the project program details	**2**
9	Defining planning and design standards, laws, rules and legislations	**2**
10	Defining vision for the selected graduation project	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning (Research work)	Eval. of Report
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning (Research work)	Eval. of Report
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Report
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning (Research work)	Eval. of Report
2.3	Formulate results of different experiments. (S3-c)	Self–Learning (Research work)	Eval. of Report
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Report stages, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Oral Exam)	5	20%
3	Final Report Submission	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Deetjen, T. (2020). Published: a Gide. Productive Academic.
	Schluter, W. (1926). How to do research work. Prentice-Hall, Inc.
Essential References Materials	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

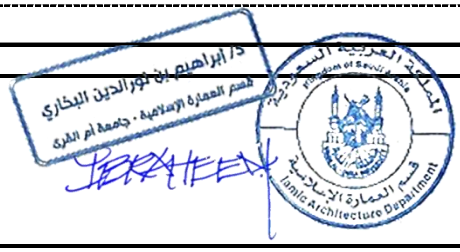
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Computer-Based Architectural Project Management 1**
Code:	**ARC 2207**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **5**		Level **13**	
4. Pre-requisites for this course (if any)**:**							
ARC 2011 Architectural Design Studio 8: Conservation of Heritage Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

The course is intended for undergraduate students with architectural background. It introduces the terminology of construction management, types of construction projects, and responsibilities of construction managers. A description of the contract documents, different types of construction contracts, project delivery methods and planning (critical path analysis) are provided as an essential part of the course. Computer-based applications in construction management are introduced during the course.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Illustrate fundamentals of project management of built environment sector. Apply the knowledge of project management. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
1.2	Illustrate fundamentals of project management of built environment sector. (K1-n)	**K1**
	2. Skills	
2.1	Apply the knowledge of project management. (S1-i)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Building projects: importance - types - constraints and challenges	**4**
2	Construction Management: initiation - roles - process, and tools	**4**
3	Construction contracts: types - documents and parties - contract management	**4**
4	Contractual relationships	**4**
5	Projects delivery methods	**4**
6	Planning: concept - steps - network diagrams	**4**
7	Planning: time and cost estimation	**4**
8	Computer application in construction project management - Part 1	**4**
9	Computer application in construction project management - Part 2	**4**
10	Computer application in construction project management - Part 3	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Illustrate fundamentals of project management of built environment sector. (K1-n)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Apply the knowledge of project management. (S1-i)	Direct Learning (Lecture)	Computer-based Exam
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hegazy, T. (2001). Computer-based construction project management. Pearson.
	Sears, K. (2015). Construction Project Management. 6th Edition. John Wiley and Sons.
Essential References Materials	Liebing, W. (2007). Construction of Architecture: from Design to Built. John Wiley and Sons.
	Oberlender, G. (2022). Project Management for Engineering and Construction. McGraw-Hill.
	Jackson, B. (2020). Construction management jumpstart (3rd ed.). Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

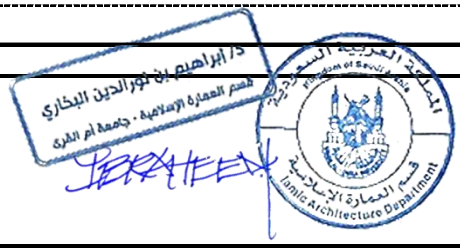
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Smart Buildings**
Code:	**ARC 2321**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 2329 Buildings Design Standards 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

We live in times of change. The digital revolution is impacting many of the world's established orders. This course explores how technology transforming architecture and what this means for architects. From smart materials and 3D printing to bricklaying robots and data-driven design, the course traces the seismic shifts in the way that architecture is both conceived and created, and how this innovation is delivering some of the promises of improved communication, flexibility, wellbeing, productivity, etc.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Create innovative concepts and forms for the built environment. Independently seek information and use it appropriately. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to smart buildings	**2**
2	Technological revolution	**2**
3	Smart materials -Part 1	**2**
4	Smart materials -Part 2	**2**
5	Smart building automation system	**2**
6	Exploring geometries and buildings with robots	**2**
7	Green and Smart Buildings	**2**
8	Data driven design	**2**
9	Case study analysis -Part 1	**2**
10	Case study analysis -Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Bakker, R. (2020). Smart Buildings: Technology and the Design of the Built Environment. RIBA Pub.
	Ku?feog?lu, S. (2021). The home of the future. Springer.
Essential References Materials	Jadhav, N. (2016). Green and smart buildings. Springer.
	Swathika, O. et al. (2022). Smart Buildings Digitalization. Taylor & Francis Group.
	Littlewood, J. (2020). Sustainability in energy and buildings 2020. Springer.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

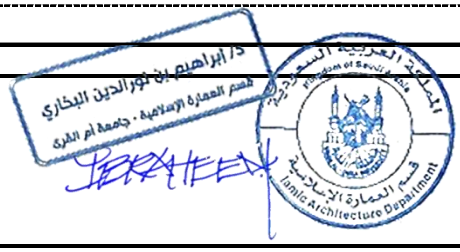
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Universal Design**
Code:	**ARC 2319**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 2329 Buildings Design Standards 2

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Universal Design is a design philosophy that aims to create an inclusive community where everyone can participate to the fullest extent possible. The universal design benefits users with different capabilities, limitations, and needs. Therefore, this course focuses on strategies for designing an accessible and equal built environment. Through best practices, the course discusses how universal design is reflected on the design solutions.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Apply the knowledge of theories and methods of designing the built environment. Actively participate in finding effective solutions to various issues related to the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Background about disability, diversity issues and origins of universal design	**2**
2	Accessible, inclusive and universal design concepts; and Anthropometrical dimensions	**2**
3	Architectural design considerations: Ramps, Elevators and Platform lift	**2**
4	Architectural design considerations: Stars, Railings and Handrails	**2**
5	Architectural design considerations: Entrances, Corridors, Vestibules and Doors	**2**
6	Architectural design considerations: Rest rooms	**2**
7	Case study; problem determination and solution finding	**2**
8	Special provisions regarding accessible buildings and facilities	**2**
9	Wayfinding assistance	**2**
10	Urban-design scale considerations	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Assignments & Tasks
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hamraie, A. (2017). Building access: Universal Design and the Politics of Disability. Minnesota Press.
	Steinfeld, E., & Maisel, J. (2014). Universal design. MTM.
Essential References Materials	Preiser, W., & Ostroff, E. (2020). Universal design handbook. McGraw-Hill.
	Saudi building code National committee (2018). The Saudi building code general 201.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
	Ramsey, C. & American Institute of Architects. (2017). Architectural graphic standards. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

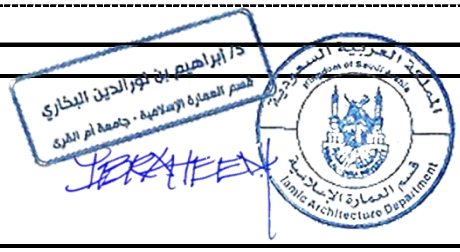
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Biomimetic Architecture**
Code:	**ARC 2328**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR27

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 2011 Architectural Design Studio 8: Conservation of Heritage Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Biomimicry is a new science that studies nature's models and then emulates these forms, processes, systems, and strategies to solve human problems. Biomimetic architecture is a multi-disciplinary scientific approach to sustainable design that goes beyond using nature as inspiration for aesthetics but rather deeply studying and applying construction principles that are found in natural environments and species.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction: What dose 'biomimicry' mean?	**2**
2	Biomimicry definitions and concept	**2**
3	Application of Biomimecry: Organism Level	**2**
4	Application of Biomimecry: Behavior Level	**2**
5	Application of Biomimecry: Ecosystem Level	**2**
6	Structuring Biomimicry, improving Building's resiliency	**2**
7	Material based on Biomimetic	**2**
8	Examples of Biomimicry in Architecture - Part 1	**2**
9	Examples of Biomimicry in Architecture - Part 2	**2**
10	Examples of Biomimicry in Architecture - Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Pawlyn, M. (2020). Biomimicry in architecture. RIBA Publishing. Benyus, J. (2009). Biomimicry. Perennial.
Essential References Materials	Benyus, J. (2002). Biomimicry : innovation inspired by nature. Eggermont, M. (2022). Biomimicry for Materials, Design and Habitats. Elsevier.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

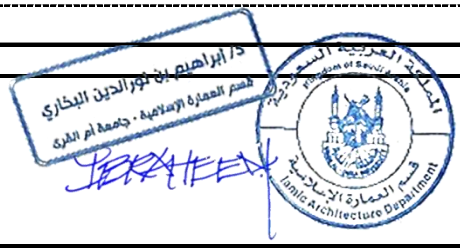
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Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

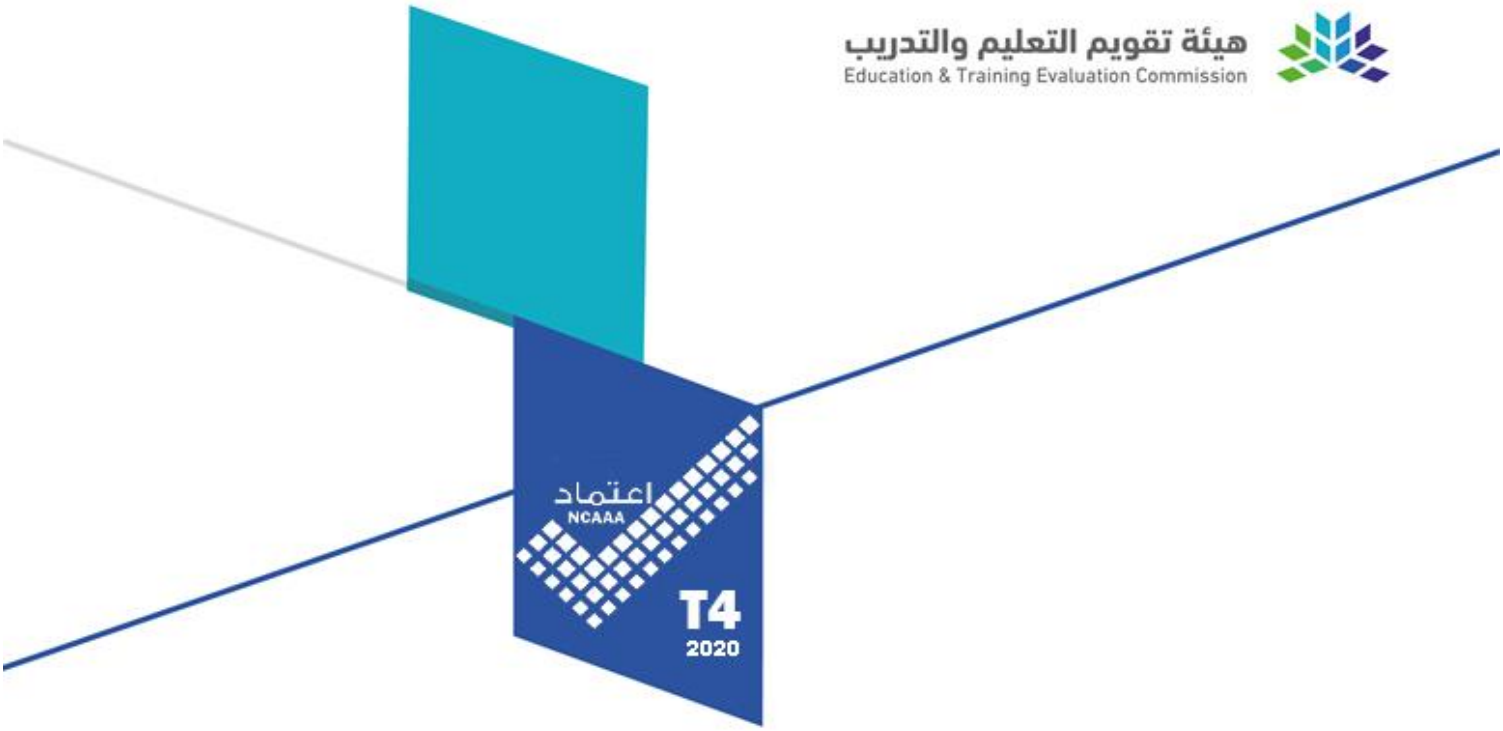
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٤)
رمز المقرر:	ICC4204
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

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١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

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٢. أنشطة تقييم الطلبة ٦

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ز. تقويم جودة المقرر: ٧

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أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:

٢. نوع المقرر

أ. متطلب جامعة ☒ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☒ اختياري ☐

٣. السنة / المستوى الذي يقدم فيه المقرر

٤. المتطلبات السابقة لهذا المقرر (إن وجدت)

ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١ ، ثقافة إسلامية ٣٠١

٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية عن الأخلاق في الإسلام، من حيث مفهومها ومنزلتها وأسسها وأبرز جوانبها، وعن الجانب الخلقي العظيم لرسولنا الكريم صلى الله عليه وسلم ، ثم يعرض تطبيقات أخلاقية ترقى بالمجتمع وتحافظ عليه

٢. الهدف الرئيس للمقرر:

- أن يتعرف الطالب على أهمية ومنزلة الأخلاق في الإسلام .
- أن يدرك الطالب مدى ارتباط الأخلاق بالسعادة في الدارين .
- أن يلم الطالب بالجوانب الخلقية لدى الرسول القدوة ﷺ .
- أن يربط الطالب بين الأخلاق ورقي المجتمع واستقامته .
- أن يتعرف الطالب على تطبيقات القيم والأخلاق ، وأهميتها في واقع حياته

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعّرف سمات المجتمع المسلم والمجتمعات المغايرة	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	يستعرض مفهوم الأخلاق وأهميتها.	
1.2	يعدد أبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	
1.3	يصف أهم الأخلاق الفردية والاجتماعية.	
1.4	يشرح أبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	
2	**المهارات**	
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	
3	**القيم**	
3.1	يشارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة وأخلاقيات المهنة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مدخل إلى الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة مدخلاً عامًا للأخلاق في الإسلام وذلك من حيث : المفهوم، الأهمية، الأسس، الخصائص، المقارنة بالأخلاق قبل الإسلام .	٢
٢	**عناية الإسلام بالأخلاق الفردية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الفردية وبيان أهميتها مع ذكر أمثلة لها :كالصدق، والرفق، والتواضع، وغيرها من الأخلاق الفردية. **عناية الإسلام بالأخلاق الاجتماعية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الاجتماعية وبيان أهميتها مع ذكر أمثلة لها كالأمانة، والوفاء، والتراحم، وغيرها من الأخلاق الاجتماعية.	٢
٣	**ثمرات الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة الثمرات الدنيوية والأخروية للأخلاق في الإسلام	٢
٤	**النبي ﷺ كما وصفه ربه تعالى:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ التي وصفها به الله تعالى ، وجوانب الاقتداء به ﷺ .	٢
٥	**أخلاق النبي ﷺ مع أسرته وأهل بيته:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع زوجاته ، وأولاده ، وخدمه ، وقرابته ، وجوانب الاقتداء به ﷺ .	٢
٦	**أخلاق النبي ﷺ مع صحابته ومجتمعه:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المجتمع المسلم حوله ﷺ كالصحابة ونحوهم ، وجوانب الاقتداء به ﷺ .	٢
٧	**أخلاق النبي ﷺ مع المخالفين:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المخالفين كالمشركين ، والمنافقين ، وأهل الكتاب ، وأهل الأديان الأخرى ، وجوانب الاقتداء به ﷺ	٢
٨	**تعظيم البلد الحرام وخدمة الحجاج والمعتمرين:** يدرس الطالب في هذه المفردة بيان مفهوم تعظيم البلد الحرام ، ومكانته ، وفضائله، وفضل ومكانة خدمة الحجاج والمعتمرين، مع ذكر أمثلة أخلاقية تطبيقية .	٢

٩	**تعزيز سلوكيات المواطن الصالح:** يدرس الطالب في هذه المفردة بيان مفهوم المواطن الصالح في الإسلام، والسلوكيات التي يجب على المواطن التحلي بها، والتأكيد على قيم الانتماء الوطني ، وذكر أمثلة أخلاقية تطبيقية ، وفي مقابل ذلك التحذير من التيارات المنحرفة والجماعات المتطرفة التي تدعو إلى خلاف ذلك .	٢
١٠	**الحث على العمل، تعزيز النزاهة، ومحاربة الفساد:** يدرس الطالب في هذه المفردة بيان مفهوم العمل وكسب الرزق في الإسلام وذكر أمثلة تطبيقية لأخلاقيات المهنة. يدرس الطالب في هذه المفردة بيان مفهوم النزاهة في الإسلام، وأهميته، وذكر أمثلة أخلاقية تطبيقية لمحاربة الفساد.	٢
المجموع		٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يعرف مفهوم الأخلاق وأهميتها.	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.2	يلم بأبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	التعلم الذاتي ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكليف الطالب بعمل بحث أو ورقة عمل	الاختبارات التحريرية والشفوية. عرض البحوث والمناقشة
1.3	يذكر أهم الأخلاق الفردية والاجتماعية.	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.4	يلم بأبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	التقييم الجماعي أوراق عمل
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	الطريقة الاستقرائية ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	التعليم التعاوني الحوار والمناقشة	الملاحظة المباشرة والتقييم الجماعي
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	التعليم النشط ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الملاحظة المستمرة تقييم الأبحاث
3.0	**القيم**		

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
3.1	يشـــارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	التعلم التعاوني التكليف بأبحاث وواجبات وأوراق عمل	الملاحظة المســتمرة وقويم الأداء وتقييم الأبحاث
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
3.3	يتمثل القيم والأخلاق الإسـلامية الحميدة وأخلاقيات المهنة	التعليم التعـاوني من خلال التكليف بواجبـات وأبحـاث وأنشطة جماعية	تقييم الأبحاث الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	٦٠%
٢	التقويم المستمر	كل أسابيع الدراسة	١٠%
٣	عرض البحوث والمناقشة	التاسع	١٥%
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	١٥%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	الآداب الشرعية للحافظ ابن مفلح المقدسي . النزاهة في مواجهة الفساد : تجربة المملكة العربية السعودية ، لمحمد بن عبد الله الشريف . الشمائل المحمدية للإمام الترمذي .
المراجع المساندة	١- الأخلاق والسير لابن حزم الأندلسي . ٢- زاد المعاد في هدي خير العباد لابن قيم الجوزية . ٣- السيرة النبوية لابن هشام . ٤- الشفا بتعريف حقوق المصطفى صلى الله عليه وسلم للقاضي عياض .
المصادر الإلكترونية	المكتبة السعودية الرقمية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، لجنة الجودة، إدارة البرنامج	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Graduation Project Studio 1: Architecture**
Code:	**ARC 3013**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours:	**7** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**5**	Level	**14**

4. Pre-requisites for this course (if any)**:**

ARC 2324 Graduation Project Research: Architecture

ARC 2012 Architectural Design Studio 9: Professional Practice

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is the first phase of the graduation project. Each student will work independently with his selected project approved in previous semester through the "Graduation Project Research" course. The practical application of the project, its viability and constructability is significant. The broader socio-cultural issue of adaptability with the building designs in Saudi Arabia is to be understood and addressed so that the project is justified within its setting. This phase concentrates on developing a conceptual design project based on what has been achieved in graduation research project course. Students will analyze the final detailed project space program, analyze project site, set design alternatives and evaluate these alternatives based on specific criteria. It is expected that students will apply various skills and knowledge accumulated over the past academic years.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**14**
2	Project space program review	**14**
3	Site analysis - Part 1	**14**
4	Site analysis - Part 2	**14**
5	Developing the first concept	**14**
6	Developing the second concept	**14**
7	Developing the third concept	**14**
8	Evaluating the concepts based on assessment criteria	**14**
9	Conceptual design project development - Part 1	**14**
10	Conceptual design project development - Part 2	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

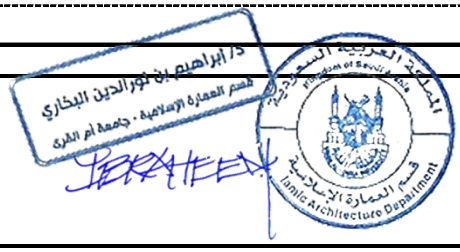
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Computer-Based Architectural Project Management 2**
Code:	**ARC 3208**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 2207 Computer-Based Architectural Project Management 1

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is a continuation of "Computer-Based Architectural Project Management 1" course. It covers a variety of topics including scheduling (resource allocation and leveling), project control, and construction supervision. Furthermore, computer-based applications in construction management are introduced during the course.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Illustrate fundamentals of project management of built environment sector. Apply the knowledge of project management. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
1.2	Illustrate fundamentals of project management of built environment sector. (K1-n)	**K1**
	2. Skills	
2.1	Apply the knowledge of project management. (S1-i)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Scheduling: concept and analysis	**4**
2	Time programming of project: critical path method (CPM)	**4**
3	Applications on critical path method (CPM)	**4**
4	Scheduling with limited resources	**4**
5	Practical application on scheduling: assignment of activities, resources and materials	**4**
6	Supervision of project	**4**
7	Administrative procedures on construction site	**4**
8	Computer application in construction project management - part 1	**4**
9	Computer application in construction project management - part 2	**4**
10	Computer application in construction project management - part 3	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
1.2	Illustrate fundamentals of project management of built environment sector. (K1-n)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Apply the knowledge of project management. (S1-i)	Direct Learning (Lecture)	Computer-based Exam
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hegazy, T. (2001). Computer-based construction project management. Pearson.
	Sears, K. (2015). Construction Project Management. 6th Edition. John Wiley and Sons.
Essential References Materials	Liebing, W. (2007). Construction of Architecture: from Design to Built. John Wiley and Sons.
	Oberlender, G. (2022). Project Management for Engineering and Construction. McGraw-Hill.
	Jackson, B. (2020). Construction management jumpstart (3rd ed.). Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

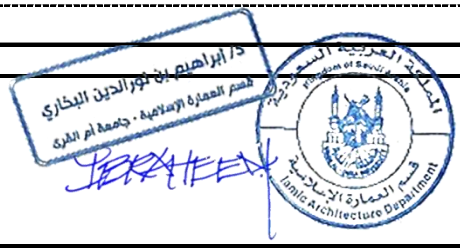
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Human and Environment**
Code:	**ARC 3321**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 2012 Architectural Design Studio 9: Professional Practice

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course provides opportunities for students to conduct in-depth investigations of selected topics in the mutual integration between human and environment. It raises the student's familiarity with contemporary human issues, especially those related to environmental preservation and the impact of the information revolution on the built environment, etc. Through weekly seminars, the students prepare presentations on specific topics and engage with colleagues in discussion and brainstorming.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to environmental threats	**2**
2	The distinguished vision of Islam towards the environment	**2**
3	Depletion of natural resources	**2**
4	Desertification	**2**
5	Waste issues	**2**
6	Population explosion	**2**
7	The industrial revolution and its impact on the environment	**2**
8	The revolution of ICTs and its impact on the built environment	**2**
9	Globalization: its concept and impact on the local identity	**2**
10	The role of the architect in preserving the environment	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Interactive L. (Brainstorming)	Eval. of Research
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Presentation
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Eval. of Presentation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Smith, K. (2013). Environmental hazards. Routledge.
	Khan, W. (2012). Islam towards environment protection. Khan.
Essential References Materials	Khalid Fazlul, K. (1998). Islam and the environment. Ta-Ha Publishers.
	Acevedo, L. (2018). The Population Explosion. Amazon Digital Services.
	Stearns, P. (2020). The Industrial Revolution in World History. Routledge.
	Sachs, J. (2020). The Ages of Globalization. Columbia University Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

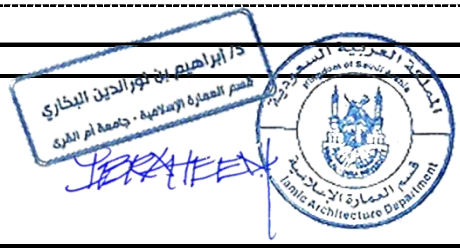
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Resilient design**
Code:	**ARC 3322**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR32

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 2012 Architectural Design Studio 9: Professional Practice

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Resilient design is the intentional design of buildings, landscapes, communities, and regions in order to respond to natural and manmade disasters and disturbances-as well as long-term changes resulting from climate change-including sea level rise, increased frequency of heat waves, and regional drought. This course discusses this topic by introducing definition, principles and strategies of resilient design.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Apply various means to achieve sustainable built environment. Demonstrate responsibility for self-learning and continuing personal and professional development. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to climate change	**2**
2	Definition of resilient design	**2**
3	The resilient design principles	**2**
4	Strategies for resilient design - Part 1	**2**
5	Strategies for resilient design - Part 2	**2**
6	Strategies for resilient design - Part 3	**2**
7	Strategies for resilient design - Part 4	**2**
8	Strategies for resilient design - Part 5	**2**
9	Special projects - Part 1	**2**
10	Special projects - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply various means to achieve sustainable built environment. (S1-k)	Direct Learning (Lecture)	Assignments & Tasks
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Trogal, K. (2019). Architecture and Resilience. Taylor & Francis.
	Watson, D., & Adams, M. (2013). Design for flooding. Wiley.
Essential References Materials	Saito, O. (2017). Strategies for building resilience against climate and ecosystem changes. Springer.
	The American Institute of Architects. (2017). Architectural Graphic Standards. John Wiley and Sons.
	Raof, S. et al. (2009). Adapting Buildings and Cities for Climate Change. Elsevier.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

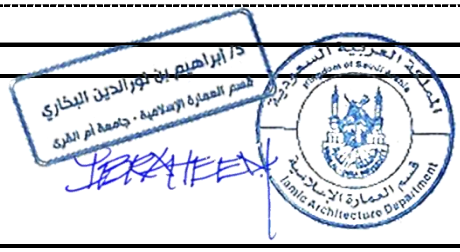
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

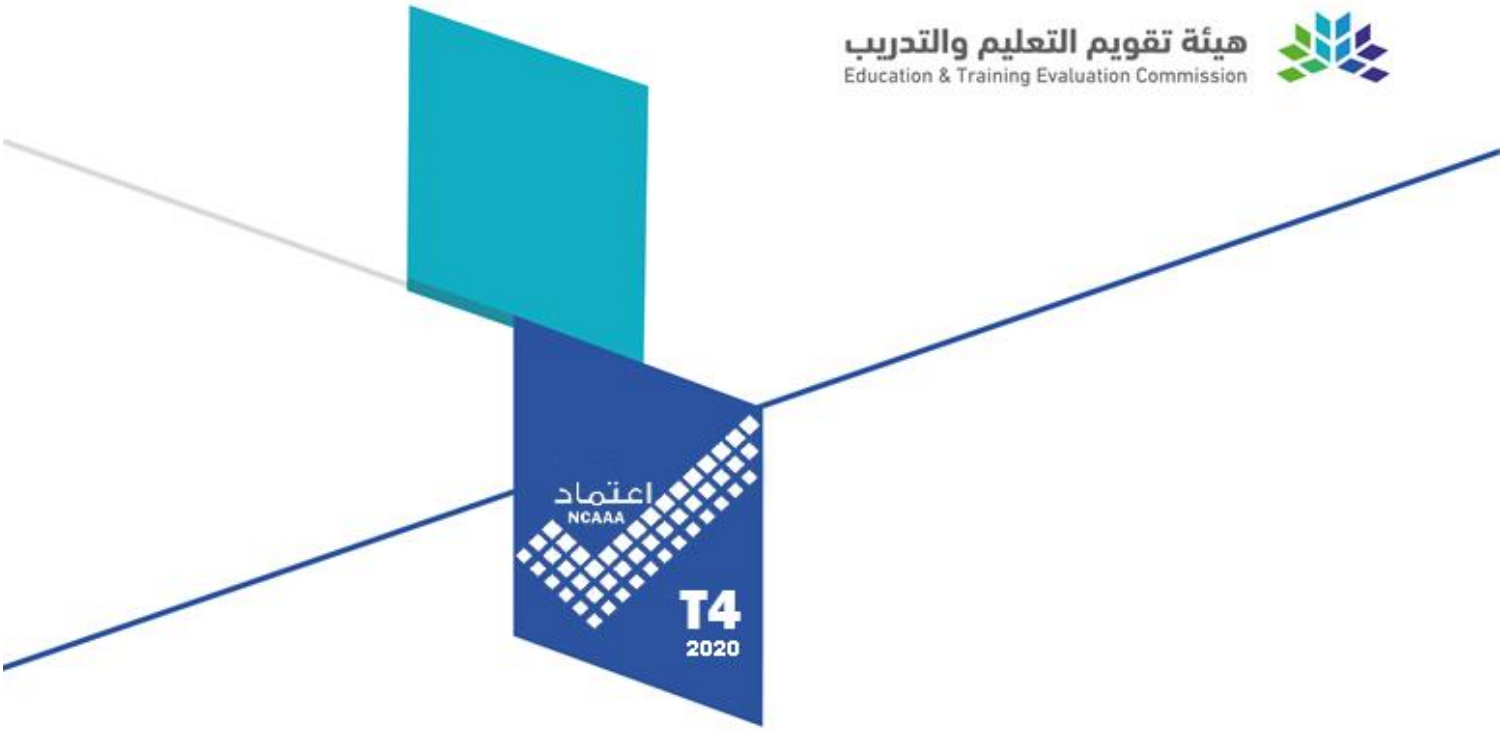
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن كريم (4)
رمز المقرر:	**(QR4104)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

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أ. التعريف بالمقرر الدراسي:

1. الساعات
المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الرابعة.

4. المتطلبات السابقة لهذا المقرر:
القرآن الكريم (3).

5. المتطلبات المتزامنة مع هذا المقرر:
لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. **الوصف العام للمقرر:** يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم (جزء تبارك): من سورة الملك إلى سورة نوح حفظًا متقنًا.
2. تلاوة ثلاثة أجزاء: من سورة سبأ إلى سورة فصلت.
3. دراسة أحكام التَّجويد.
4. شرح غريب كلمات القرآن: من سورة الملك إلى سورة نوح.

2. الهدف الرئيس للمقرر: – تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله –عزَّ وجلَّ–، وفق طرق الأداء المعتبرة.

– حفظ حزب واحد من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	(مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي)، وتصحيح تلاوة سورة الملك من 1 إلى 15 مع التَّكليف بحفظها، مع شرح غريب القرآن.	2
2	تسميع سورة الملك من 1 إلى 15، تصحيح تلاوة سورة الملك من 16 إلى 30 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة سبأ.	2
3	تسميع سورة الملك من 16 إلى 30، تصحيح تلاوة سورة القلم من 1 إلى 31 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة فاطر من آية (1) إلى سورة يس آية (27)، شرح درس التجويد (مخارج الحروف الجزء الأول)	2
4	تسميع سورة القلم من 1 إلى 31، تصحيح تلاوة سورة القلم من 32 إلى 52 التَّكليف بحفظها، مع شرح غريب القرآن ، تلاوة سورة يس من آية (28) إلى سورة الصافات آية (76)، شرح درس التجويد (مخارج الحروف الجزء الثاني)	2
5	تسميع سورة القلم من 32 إلى 52، تصحيح تلاوة سورة الحاقة من 1 إلى 24 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الصافات من آية (77) إلى سورة ص آية (42)، شرح درس التجويد (صفات الحروف)	2

6	تسميع سورة الحاقة من 1 إلى 24، تصحيح تلاوة سورة الحاقة من 25 إلى 52 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة ص من آية (43) إلى سورة الزمر آية (40).	2
7	تسميع سورة الحاقة من 25 إلى 52، تصحيح تلاوة سورة المعارج مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الزمر من آية (41) إلى سورة غافر آية (25)، شرح درس التجويد (إدغام المتماثلين والمتجانسين والمتقاربين).	2
8	تسميع سورة المعارج، تصحيح تلاوة سورة نوح مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة غافر من آية (26) لآخر السورة، شرح درس التجويد (ترقيق الراء وتفخيمها).	2
9	تسميع سورة نوح من 1 إلى 20، تلاوة سورة فصلت.	2
10	تسميع سورة نوح من 21 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	المشاركة وحفظ الآيات وتلاوتها	مستمر	%20
2	الاختبار النصفي	السادس	%20
3	الاختبار النهائي	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
- مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلّيّة.
- مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
- إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
- تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
- إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
- توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
- المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	-القرآن الكريم. - الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. - التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	-قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.

العناصر	متطلبات المقرر
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
تقويم فاعليَّة استراتيجيات التَّدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر.	مباشر: الزِّيارة للفصل وتقرير فاعليَّة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غير مباشر: استبانة تقييم المقرَّر المتاحة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Graduation Project Studio 2: Architecture**
Code:	**ARC 3014**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **7** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 3013 Graduation Project Studio 1: Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

This final studio is considered as the second phase of the graduation project. It is based on the cumulative knowledge and skills developed in all the previous design studios, course work and professional experience. This phase concentrates on developing a complete design project based on what has been achieved in the previous phase. This studio is the culmination of work where students present their professional capacity in architecture.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Development of plans -Part 1	**14**
2	Development of plans -Part 2	**14**
3	Development of plans -Part 3	**14**
4	Development of plans -Part 4	**14**
5	Development of sections and elevations -Part 1	**14**
6	Development of sections and elevations -Part 2	**14**
7	Full project development -Part 1	**14**
8	Full project development -Part 2	**14**
9	Full project development -Part 3	**14**
10	Full project development -Part 4	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Neufert, E. et al. (2019). Architects' Data. Wiley-Blackwell.
	Watson, D., & Crosbie, M. (2005). Time-saver standards for architectural design. McGraw-Hill.
Essential References Materials	De Chiara, J., & De Chiara, J. (2001). Time-saver standards for building types. McGraw-Hill.
	Baker, G. (2006). Design strategies in architecture. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

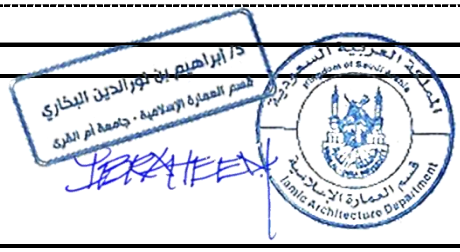
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Economics of Architectural Projects**
Code:	**ARC 3320**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 3013 Graduation Project Studio 1: Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course acquaints students with the concepts of economics and its impact on construction, and qualifies them to make proper economic decisions concerning architectural projects. The course includes a general explanation of the time value of money and cash flow analysis. The course describes the factors that affect building costs and explains the effect of technical specifications on operation costs. Principles of bill-of-quantity (BOQ), cost estimation, and cash flow analysis are illustrated. Concept of value engineering and some advanced building economic concepts are introduced at the end of the course.?

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Illustrate fundamentals of economics of the built environment sector. Apply the knowledge of built environment economics. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.3	Illustrate fundamentals of economics of the built environment sector. (K1-m)	**K1**
	2. Skills	
2.1	Apply the knowledge of built environment economics. (S1-h)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Factors affecting Building costs	**2**
2	Time value of money: present and future values	**2**
3	Cash flow Analysis	**2**
4	Energy calculation methods: effect on current and future costs of building	**2**
5	Specifications of architectural works	**2**
6	Bill-of-Quantity (BOQ) and cost estimation	**2**
7	Applications on cost estimation: Conceptual and Detailed Estimating	**2**
8	Computer-Based Estimation	**2**
9	Advanced concepts of building economics: BIM and BOQ	**2**
10	Value engineering: concept, principles and standards	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
1.3	Illustrate fundamentals of economics of the built environment sector. (K1-m)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of built environment economics. (S1-h)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dell'Isola, D. (2002). Architect's Essentials of Cost Management. John Wiley & Sons.
	Gould, E. (2010). Managing the Construction Process. Prentice - Hall.
Essential References Materials	Franser, M. (2008). Global Engineering Economics. Pearson Education.
	Liebing, W. (2008). Construction of Architecture. John Wiley and Sons.
	Jackson J. (2010). Construction Management Jump Start. Wiley Publishing.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

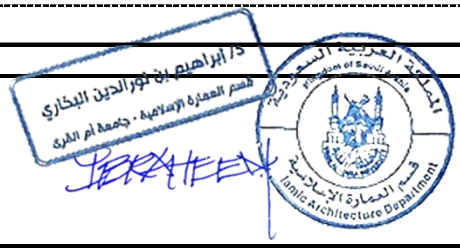
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Architecture of the Future**
Code:	**ARC 3323**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **5**		Level **15**	
4. Pre-requisites for this course (if any)**:**							
ARC 2321 Smart Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Future Architecture is a multi-dimensional component of contemporary design field. The change of human life style triggers rapid transformation of the built environment and the future of architecture focuses on the limits and visions of this change. This course examines the future of architecture with the advanced knowledge of architectural utopias, dystopias, anticipatory systems and impacts of technological developments in human life/space.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Create innovative concepts and forms for the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Basics of future architecture	**2**
2	Future architecture as an architectural prediction strategy	**2**
3	Architectural Utopias -Part 1	**2**
4	Architectural Utopias -Part 2	**2**
5	Architectural Dystopias	**2**
6	Basics of anticipation	**2**
7	Anticipatory Systems in architecture	**2**
8	Examples analysis -Part 1	**2**
9	Examples analysis -Part 2	**2**
10	Examples analysis -Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Eaton, R. (2002). Ideal Cities, Utopianism and the (Un)built Environment. Thames & Hudson.
	Galilee, B. (2020). Radical Architecture of the Future. Phaidon Press Incorporated.
Essential References Materials	Dittmer, L. (2012). The future of architecture. Creative Education.
	Blowers, A., Hamnett, C., & Sarre, P. (2014). The Future of Cities. Taylor and Francis.
	Ween, C. (2013). Future cities. Teach Yourself.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

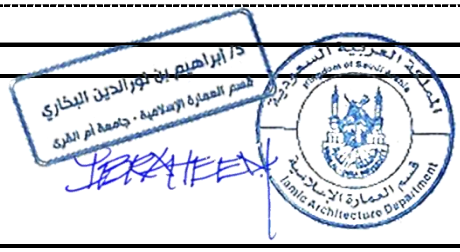
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Elective
Courses

مقررات
إختيارية

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Photorealistic Rendering Techniques**
Code:	**ARC 2401**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR40 ** Elective Course 1: Architecture

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Photorealistic rendering is a type of 3D rendering where the final result is very difficult to distinguish from reality, from a photograph. This course introduces photorealistic rendering techniques and the final adjustments in post-production, such as adding the background or the people cutouts. It is at this stage where students make every minor tweak to the image (e.g. last adjustments to hue, saturation, contrast, etc.).

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate self-discipline and punctuality. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Photorealistic Rendering	**2**
2	Global Illumination	**2**
3	Volume Rendering and Participating Media	**2**
4	Subsurface Scattering	**2**
5	Image-based Rendering	**2**
6	High Dynamic Range Imaging	**2**
7	Image-based Lighting	**2**
8	Reconstruction of Reflectance	**2**
9	Bidirectional Texture Function	**2**
10	Radiance Transfer	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Computer-based Exam
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Assignments & Tasks
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Computer-based Assignments

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Computer-based Assignments)	1 to 10	40%
2	Continuous Assessment (Computer-based Assignments)	5	20%
3	Continuous Assessment (Computer-based Assignments)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Kurachi, N. (2020). The magic of computer graphics. A K Peters/CRC Press.
	Sakas, G. (2012). Photorealistic Rendering Techniques. Springer.
Essential References Materials	Sannino, C. (2019). Chiaroscuto with V-Ray for photorealistic rendering. GC Edizioni.
	Sannino, C. (2013). Photography & rendering with V-Ray. GC Edizioni.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

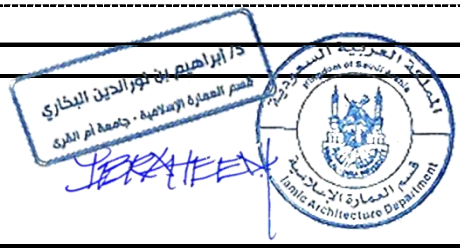
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Computer Modeling in Building Construction**
Code:	**ARC 2402**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR41 ** Elective Course 1: Architecture

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The construction industry is facing low rate of productivity in construction phase when compared to other industries. This course is an introduction of building information modeling (BIM) in construction industry. The advantages of this approach and perspectives of the transition to this design technologies, construction process management, and operation are stated. Furthermore, this course introduces basics of using BIM programs in building construction field.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate self-discipline and punctuality. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	BIM systems: Definition, emergence and development	**2**
2	Importance of BIM systems for owners, designers and contractors	**2**
3	BIM programs: Design and analysis programs, and interoperability	**2**
4	Efficiency of using BIM during construction process	**2**
5	BIM Solutions - Part 1	**2**
6	BIM Solutions - Part 2	**2**
7	Comparing traditional methods of calculating quantities with BIM system	**2**
8	Computer Modeling in Building Construction - Part 1	**2**
9	Computer Modeling in Building Construction - Part 2	**2**
10	Computer Modeling in Building Construction - Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Computer-based Exam
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Assignments & Tasks
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Computer-based Assignments

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Computer-based Assignments)	1 to 10	40%
2	Continuous Assessment (Computer-based Assignments)	5	20%
3	Continuous Assessment (Computer-based Assignments)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Crotty, R. (2016). Impact of building information modelling. Routledge.
	Borrmann, A., et al. (2022). Building Information Modeling. Springer.
Essential References Materials	Garrigo?s, A., et al. (2019). BIM in design, construction and operations. WIT Press.
	Issa, R., & Olbina, S. (2015). Building information modeling: Applications and Practices. ASCE.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

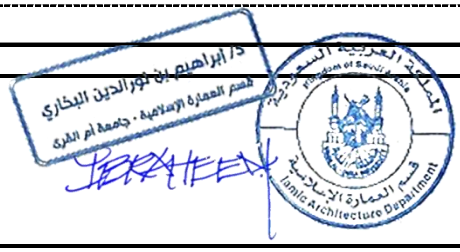
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Computerized Applications of Crowd Studies in Architecture**
Code:	**ARC 2403**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR42 ** Elective Course 1: Architecture

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**
4. Pre-requisites for this course (if any)**:**							
ARC 2010 Architectural Design Studio 7: Mixed-Use Buildings							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Generally, every public building design requires the consideration of the interaction of people with each other and the space to ensure the user's safety. This course thus discusses necessitates measures to manage and control the movement of people around and within public building as well as catering for emergency evacuation of the crowd. It introduces design strategies for direction in crowd control to improve design for safety and security during events and emergency in such public places.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Utilize computer programs effectively in communication. Demonstrate self-discipline and punctuality. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Utilize computer programs effectively in communication. (S5-b)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Crowds: Definitions, concepts and types	**2**
2	Crowd disasters: Causes and triggers	**2**
3	Building codes and regulations	**2**
4	Egress system fundamentals	**2**
5	Space capacity and crowds	**2**
6	Perceived crowding	**2**
7	Crowd management strategies - Part 1	**2**
8	Crowd management strategies - Part 2	**2**
9	Computer applications of crowd studies in architecture - part 1	**2**
10	Computer applications of crowd studies in architecture - part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Computer-based Exam
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Assignments & Tasks
2.2	Utilize computer programs effectively in communication. (S5-b)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Computer-based Assignments

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Computer-based Assignments)	1 to 10	40%
2	Continuous Assessment (Computer-based Assignments)	5	20%
3	Continuous Assessment (Computer-based Assignments)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Still, G. (2019). Introduction to Crowd Science. CRC Press
	Kemp, C. & Smith, P. (2010). Case Studies in Crowd Management. Entertainment Technology Press.
Essential References Materials	Tubbs, J., & Meacham, B. (2007). Egress design solutions. Wiley.
	Marx, B. (2018). Crowd Management Made Easy. Independent Publishing Platform
	Saudi building code National committee. (2018). Saudi Building Code: SBC 201.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

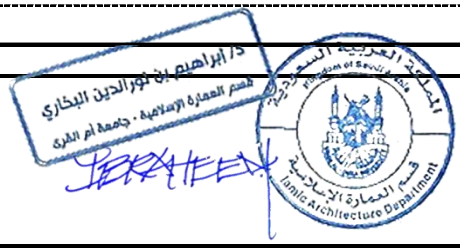
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Human Factors in Architecture**
Code:	**ARC 3401**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR43 ** Elective Course 2: Architecture

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**

4. Pre-requisites for this course (if any)**:**

ARC 3013 Graduation Project Studio 1: Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

An introductory course that introduces fundamental concepts and theories related to the interaction of people with their natural and built environments. Topics such as privacy, perception, cognition, proxemics, personal space, territoriality, symbolism, social and cultural aspects of the environment, among others will be examined and their influence on architectural theory and practice will be highlighted. The aim is to expand students' understanding of human factors as related to architecture and urban design, and how to implement them in design studios to optimize design solutions.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	What is environmental psychology?	**2**
3	The mutual relationship between people and the built environment	**2**
4	Proxemics Anthropometrics and Ergonomics	**2**
5	Perception and cognition	**2**
6	Visual perception - Part 1	**2**
7	Visual perception - Part 2	**2**
8	Visual perception - Part 3	**2**
9	Hearing perception	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Lang, J. (1987). Creating Architectural Theory. Van Nostrand Reinhold.
	Deasy, C. (1990). Designing places for people. Whitney Library of Design Publishers.
Essential References Materials	Mitrovic, B. (2013). Visuality for architects. Virginia Press.
	Lang, J. (1974). Designing for Human Behavior. Dowden.
	Culley, S. (2011). Human behaviour in design. Design Society.
	Lindemann, U. (2003). Human Behaviour in Design: Individuals, Teams, Tools. Springer.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

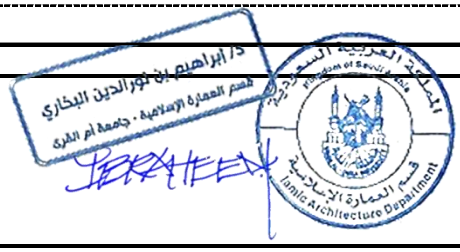
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Architectural Criticism**
Code:	**ARC 3402**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR44 ** Elective Course 2: Architecture

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**

4. Pre-requisites for this course (if any)**:**

ARC 3013 Graduation Project Studio 1: Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on the types and methods of architectural criticism. It includes studying the techniques of critical expression, and evaluation of architectural projects. The course emphasizes the variety of contemporary architectural school of thought and how to apply different types, methods and techniques (styles) of criticism to it. Students are required to practice architectural criticism in term of local and international case studies.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction: Philosophy and role of architectural criticism	**2**
2	Architectural criticism and creativity relation	**2**
3	The architectural criticism criteria: Subjective criteria	**2**
4	The architectural criticism criteria: Contextual criteria	**2**
5	The architectural criticism criteria: Impressionistic criteria	**2**
6	The architectural criticism criteria: Self-criteria	**2**
7	New directions in architectural criticism	**2**
8	Process of architectural criticism	**2**
9	International case studies	**2**
10	Local case studies	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Colquhoun, A., & Frampton, K. (2009). Collected essays in architectural criticism. Black Dog.
	Wang, W. (2022). On the duty and power of architectural criticism. Park books.
Essential References Materials	Ramadan, M. (2022). Architectural Criticism as a Main Improvement strategy. IJAER.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

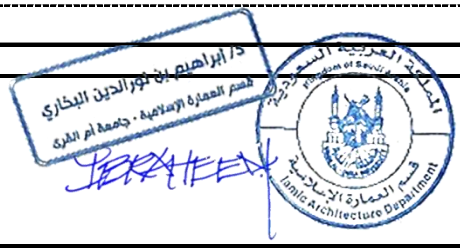
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Selected Topics in Architecture**
Code:	**ARC 3403**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Architecture)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* AR45 ** Elective Course 2: Architecture

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**

4. Pre-requisites for this course (if any)**:**

ARC 3013 Graduation Project Studio 1: Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. This course offers opportunity for study of advanced architectural topics tailored to fit the requirements of architecture student in a senior standing.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Syllabus varies on yearly basis	**2**
3	Syllabus varies on yearly basis	**2**
4	Syllabus varies on yearly basis	**2**
5	Syllabus varies on yearly basis	**2**
6	Syllabus varies on yearly basis	**2**
7	Syllabus varies on yearly basis	**2**
8	Syllabus varies on yearly basis	**2**
9	Analysis of case studies	**2**
10	Analysis of case studies	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Assignments and Tasks
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments and Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Rybnov, E. et al. (2021). Contemporary Problems of Architecture and Construction. Taylor & Francis.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

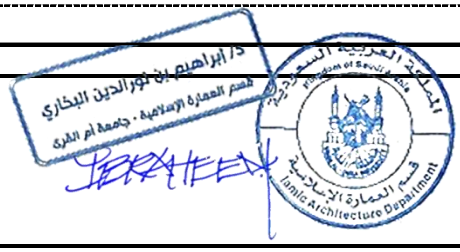
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Islamic Architecture
Department of Islamic Architecture

1444

Bachelor of
ARCHITECTURE AND PLANNING PROGRAM

برنامج بكالوريوس
العمارة والتخطيط

عمارة
تصميم حضري
تخطيط عمراني

Architecture
Urban Design
Urban Planning

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2. Program Specifications
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4. Summary

Urban Design

Track

مسار
التصميم الحضري

3.3

Level
(10)

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Design Studio 1: Existing Areas Development**
Code:	**ARC 3031**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

ARC 1109 Introduction to Urban Design Studio

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Studios are the heart of the Urban Design track. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to both the investigation and development phases of design projects at an urban scale. This studio is concerned with the design development for a local urban project. Project is carefully chosen to explore complex local urban sites or groups of sites and to generate proposals for public and private building types, streets, spaces and transport infrastructure that are rigorously informed by design methodologies. Students will be expected to demonstrate appropriate problem recognition, investigative, analytical, interpretative, design and presentation skills and abilities on their projects.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project	**10**
2	Data collection to understand existing problems	**10**
3	Analyzing the collected data to reach the main objectives	**10**
4	Developing alternatives - Part 1	**10**
5	Developing alternatives - Part 2	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Detailed urban design	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Project(s)

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Krier, R. (1993). Urban Space. Rizzoli.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

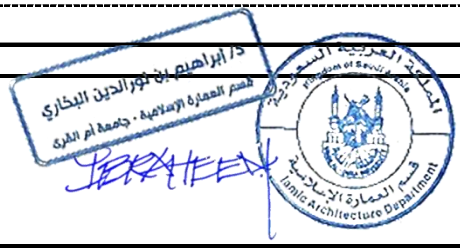
Evaluation Areas / Issues	Evaluators	Eval. Methods
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Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Spatial Analysis Studio**
Code:	**ARC 3131**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD2

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A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course enables students to examine the form, appearance, and composition of a city-an evaluation of its assets and liabilities. It also enables students to see where the city needs reshaping. The studio deals with different scales-a neighborhood, the center, a suburban area, or a small group of buildings.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Analyze data from a variety of sources. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.3	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Vocabulary of urban form	**6**
2	Analysis of shape, size and density	**6**
3	Analysis of Landform and nature	**6**
4	Analysis of Pattern, Grain, Texture and Skyline	**6**
5	Analysis of local climate	**6**
6	Analysis of urban spaces and open spaces	**6**
7	Analysis of routes, local streets and pedestrian areas	**6**
8	Analysis of districts, landmarks, nodes and edges	**6**
9	Analysis of activity structure	**6**
10	Analysis of nonphysical aspects	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
2.3	Analyze data from a variety of sources. (S3-b)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Lynch, K. (1979). The image of the city. MIT Pr.
Essential References Materials	Moughtin, C. (2016). Urban Design: Street and Square. Routledge. Butler, K. (2012). Planning and Urban Design Standards. Wiley. ?
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

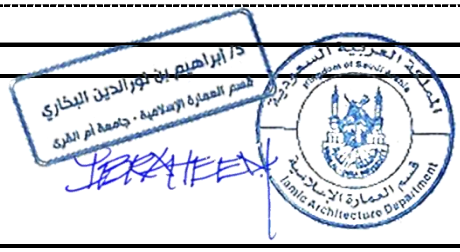
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Information Systems**
Code:	**ARC 3231**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD3

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is designed to introduce the basic principles of Geographic Information Systems (GIS). The focus is to develop an appreciation of how this technology may be applied to help the tasks of planners in the profession. The students will learn not only the theoretical background but also practical applications. The course content includes methods of data entry and editing, simple data analysis and visualization, and preparation of map layouts.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of various ways of representing the built environment. Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	GIS software interface	**4**
2	Geospatial data, Georeferenced and Geo Databases	**4**
3	Data entry in GIS - Vector Data	**4**
4	Data entry in GIS - Raster Data	**4**
5	Editing with Aerial photo	**4**
6	Editing geographic data - Part 1	**4**
7	Editing geographic data - Part 2	**4**
8	Visualization data and Symbology - Part 1	**4**
9	Visualization data and Symbology - Part 2	**4**
10	Preparation of map layouts	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	Direct Learning (Lecture)	Computer-based Exam
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Corbin, T. (2020). Learning ArcGIS Pro 2 - Second Edition. Packt Publishing.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector Internet connection Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

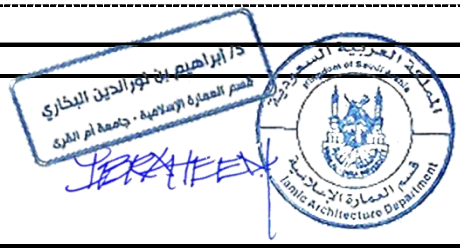
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Environmental Control**
Code:	**ARC 3331**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD4

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

An essential part of urban design is the need to provide comfortable conditions within public spaces - comfort being a prerequisite of successful people places. This course discusses Levels of sunlight, shade, temperature, humidity, precipitation, wind and noise that have an impact upon our experience and use of urban environments.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Solve complicated problems associated with the built environment. Apply the knowledge of theories and methods of designing the built environment. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	The microclimate	**2**
2	Urban design in different climates: Hot, dry and hot, humid regions	**2**
3	Thermal comfort in outdoor environments	**2**
4	Solar radiation: Designing for sun and shade - Part 1	**2**
5	Solar radiation: Designing for sun and shade - Part 2	**2**
6	Humidity and precipitation	**2**
7	Air movement - The wind environment	**2**
8	Natural lighting	**2**
9	Noise level	**2**
10	Bioclimatic design at the site planning scale	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Self–Learning	Eval. of Report
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Self–Learning (Research work)	Eval. of Report
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Report

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Essential References Materials	Lau, K., Tan, Z., & Ren, C. (2021). Outdoor thermal comfort in urban environment. Spriger.
	ASCE. (2004). Outdoor human comfort and its assessment.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

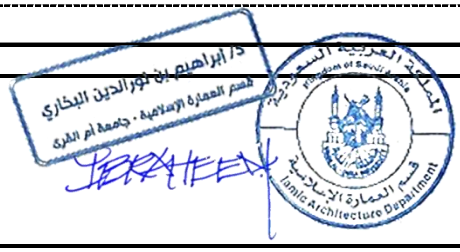
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Morphology**
Code:	**ARC 3332**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD5

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B. Course Objectives and Learning Outcomes 3

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D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**10**	

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course presents the main elements of urban form - streets, urban blocks, plots and buildings - structuring cities and the fundamental processes of transformation shaping these elements. It describes how different schools of thought have been dealing with this object since the emergence of Urban Morphology, as the science of urban form, in the turning to the twentieth century. Finally, it identifies what are the most important contributions that Urban Morphology has to offer to contemporary cities and societies.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	The concept of urban tissue and the natural context	**2**
2	The elements of urban form: the streets, the plots and the buildings systems	**2**
3	Examples of urban morphology throughout history	**2**
4	Examples of urban morphology in contemporary cities	**2**
5	Different morphological approaches - Part 1	**2**
6	Different morphological approaches - Part 2	**2**
7	Comparative studies of urban form	**2**
8	Urban morphology and society: Public health and social justice	**2**
9	Urban morphology and economy	**2**
10	Urban morphology and environment: Climate change and energy	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Oliveira, V. (2016). Urban morphology. Springer.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Kropf, K. (2018). The Handbook of Urban Morphology. John Wiley & Sons, Incorporated.
	Conzen, M., & Conzen, M. (2005). Thinking about urban form. Peter Lang.
	Oliveira, V. (2018). Teaching Urban Morphology. Springer.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

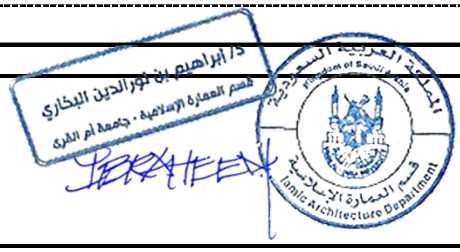
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Housing**
Code:	**ARC 3333**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD6

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2. Facilities Required 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**10**	

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course deals with the definitions, concepts and issues related to housing such as: shelter, housing, population, area density, etc. Furthermore, it discusses types of housing, factors that affect the design of the housing, criteria and design considerations, as well as its problems and solutions. At the end, the course focuses on planning of neighborhood residential areas.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Definitions of housing	**2**
2	Types of housing	**2**
3	Housing and sustainable living	**2**
4	Housing requirements: Social and economic requirements	**2**
5	Housing requirements: environmental and urban requirements	**2**
6	Criteria and design considerations	**2**
7	Housing site Analysis	**2**
8	Housing problems and solutions	**2**
9	Concept of the Neighborhood	**2**
10	Neighborhood services and its road network	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Clark. W. (2021). Advanced Introduction to Housing Studies. Edward Elgar Publishing.
	Firley, E. and Deupi, V. (2022). The Urban Housing Handbook. Wiley.
Essential References Materials	Towers, G. (2015). An introduction to urban housing design. Routledge.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
	Kliment, S., & Chandler, R. (2010). Building type basics for housing. John Wiley & Sons.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

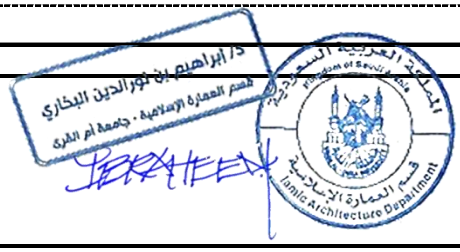
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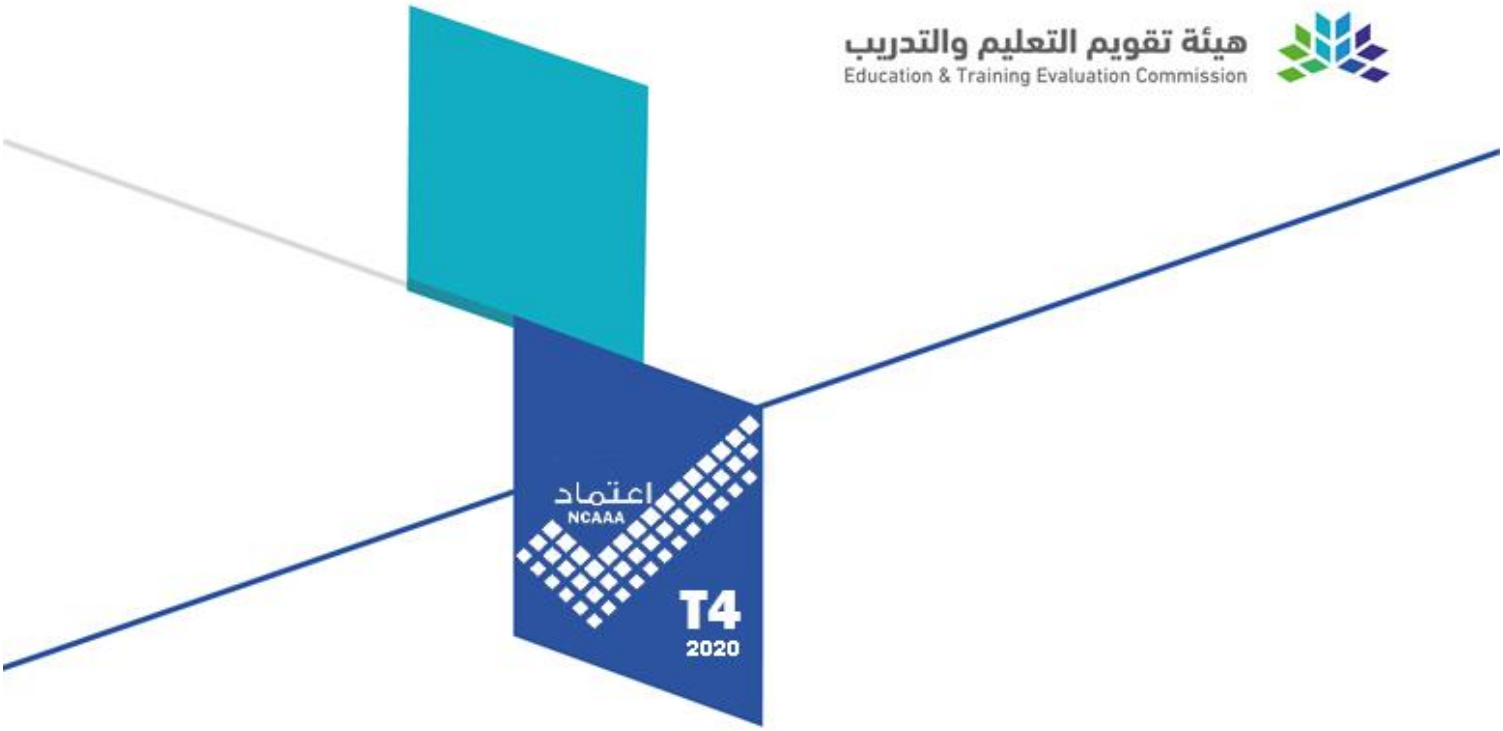
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H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن الكريم (3)
رمز المقرر:	**(QR3103)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

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2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

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أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الثالثة.

4. المتطلبات السابقة لهذا المقرر:

القرآن الكريم (2)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)، للاستذكار	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم: من سورة الجن إلى سورة المرسلات.
2. تلاوة ثلاثة أجزاء: من سورة الأحزاب إلى سورة الشعراء.
3. دراسة أحكام التَّجويد.
4. شرح غريب الكلمات: من سورة الجن إلى سورة المرسلات.

2. الهدف الرئيس للمقرر

تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله -عزَّ وجلَّ-، وفق طرق الأداء المعتبرة، مع حفظ حزب واحدٍ من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي، وتصحيح تلاوة سورة الجن من 1 إلى 13 مع التَّكليف بحفظها مع شرح غريب القرآن.	2
2	تسميع سورة الجن من 1 إلى 13، تصحيح تلاوة بقية سورة الجن 14 إلى 28 مع التَّكليف بحفظها، مع شرح غريب القرآن، وتلاوة سورة الشعراء.	2
3	تسميع سورة الجن 14 إلى 28، تصحيح تلاوة سورة المزمل كاملة مع التَّكليف بحفظها. مع شرح غريب القرآن، تلاوة سورة النمل، شرح درس التجويد (الوقف والابتداء)	2
4	تسميع سورة المزمل كاملة، تصحيح تلاوة سورة المدثر من 1إلى 31 مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سورة القصص.	2
5	تسميع سورة المدثر من 1إلى 31، تصحيح تلاوة سورة المدثر 32 إلى 56 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة العنكبوت، شرح درس التجويد (السكتات المتفق عليها والمختلف فيها).	2
6	تسميع سورة المدثر 32 إلى 56، تصحيح تلاوة سورة القيامة كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الروم.	2
7	تسميع سورة القيامة كاملة، تصحيح تلاوة سورة الإنسان كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة لقمان، شرح درس التجويد (الألفات السبع الثابتة وقفاً، والمحذوفة وصلاً).	2
8	تسميع سورة الإنسان كاملة، تصحيح تلاوة سورة المرسلات مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة السجدة.	2
9	تسميع سورة المرسلات من 1 إلى 34، تلاوة سورة الأحزاب.	2

10	تسميع سورة المرسلات من 35 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	**المشاركة وحفظ الآيات وتلاوتها**	مستمر	%20
2	**الاختبار النصفي**	السادس	%20
3	**الاختبار النهائي**	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

– ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
– مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلِّيَّة.
– مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
– إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
–تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
–إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
–توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
–المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	–القرآن الكريم. – الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. – التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	–قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم

مجالات التقويم	المقيمون	طرق التقييم
تقـــويم فاعليَّـــة اســـتراتيجيات التَّـــدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر	مباشـــر: الـــزِّيارة للفصـــل وتقريـــر فاعليَّـــة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غـير مباشـر: اسـتبانة تقيـيم المقـرَّر المتاحـة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Urban Design Studio 2: New Areas Development**
Code:	**ARC 3032**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD8

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**11**

4. Pre-requisites for this course (if any)**:**

ARC 3031 Urban Design Studio 1: Existing Areas Development

ARC 3332 Urban Morphology

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio focuses on planning and design of a residential neighborhood in the city of Mecca or any city in the Kingdom. Students are asked to design the neighborhood regarding the planning requirements and the urban regulations and standards in terms of housing quality, building heights and densities, etc. Furthermore, the detailed urban design of the neighboring center is to be presented. The location of the project is determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project and a general review about neighborhood	**10**
2	Data collection to understand problems	**10**
3	Analyzing the collected data to reach the main objectives	**10**
4	Developing alternatives - Part 1	**10**
5	Developing alternatives - Part 2	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Detailed urban design of the neighboring center	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Krier, R. (1993). Urban Space. Rizzoli.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

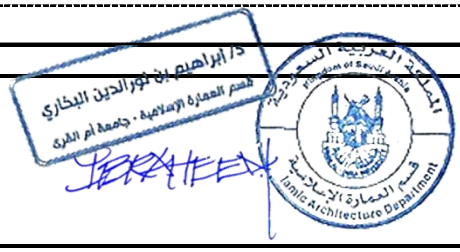
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Design Details Studio**
Code:	**ARC 3132**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD9

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **11**

4. Pre-requisites for this course (if any)**:**

ARC 3031 Urban Design Studio 1: Existing Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio focuses on urban design details that students can apply to their urban projects. It includes various urban details like traffic calming, acoustic and outdoor lighting details, etc.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Define functional requirements and relationships for different sectors of the built environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Apply various means to achieve sustainable built environment. Perform drawings efficiently and accurately. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.3	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
2.2	Perform drawings efficiently and accurately. (S4-c)	**S4**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**6**
2	Traffic calming details	**6**
3	Parking and circulation dimensions	**6**
4	Urban green infrastructure	**6**
5	Urban waterways	**6**
6	Graphic communication, wayfinding and interpretive planning	**6**
7	Better air quality at street level	**6**
8	Acoustic considerations for urban design	**6**
9	Urban outdoor lighting	**6**
10	Universal design details	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Eval. of Project(s)
1.2	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Eval. of Project(s)
1.3	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Cooperative L. (Teamwork)	Assignments & Tasks
	2. Skills		
2.1	Apply various means to achieve sustainable built environment. (S1-k)	Self–Learning (Research work)	Eval. of Presentation
2.2	Perform drawings efficiently and accurately. (S4-c)	Indirect L. (Problems solving)	Assignments & Tasks
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
	Burton, E., & Mitchell, L. (2016). Inclusive urban design: Streets for life. Routledge.
Essential References Materials	Cheshmehzangi, A. (2022). Green Infrastructure in Chinese Cities. Springer.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
	Moughtin, C. (2016). Urban Design: Street and Square. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

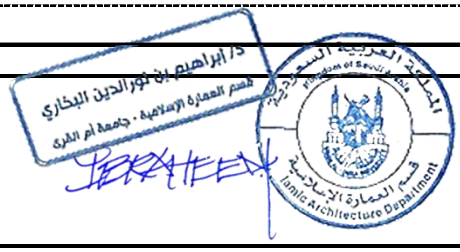
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Urban Virtual and Augmented Reality**
Code:	**ARC 3232**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD10

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	
4. Pre-requisites for this course (if any)**:**							
ARC 3231 Urban Information Systems							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course offers a scientifically sound and at the same time practical introduction to Virtual and Augmented Reality (VR/AR). Students will gain the theoretical foundation needed to design, implement or enhance VR/AR systems, evaluate and improve user interfaces and applications using VR/AR methods, assess and enrich user experiences, and develop a deeper understanding of how to apply VR/AR techniques.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Virtual and Augmented Reality	**4**
2	Perceptual aspects of VR/AR	**4**
3	Virtual worlds	**4**
4	VR/AR Input devices and Tracking	**4**
5	VR/AR output devices	**4**
6	Interactions in virtual worlds	**4**
7	Real-time aspects of VR systems	**4**
8	Augmented Reality	**4**
9	VR/AR Case studies - Part 1	**4**
10	VR/AR Case studies - Part 2	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation
3.2	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Teamwork Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Do?rner, R., Broll, W., Grimm, P., & Jung, B. (2022). Virtual and augmented reality (VR/AR). Springer.
	Pangilinan, E., et al. (2019). Creating Augmented and Virtual Realities. O'Reilly Media.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector
	Internet connection
	Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

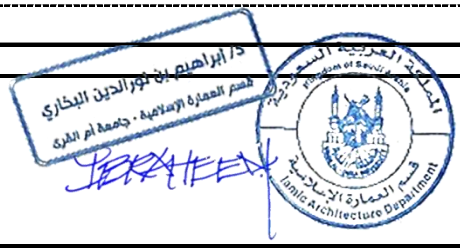
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Advanced studies in Landscape Architecture**
Code:	**ARC 3334**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD11

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	
4. Pre-requisites for this course (if any)**:**							
ARC 3031 Urban Design Studio 1: Existing Areas Development							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is considered as a continuation of "Introduction to Landscape Architecture" course and is an introduction to "Landscape Studio". This course includes various topics such as site analysis and assessment, site utilities, and special landscape conditions.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Demonstrate an understanding of various types of infrastructure systems. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Site analysis and assessment	**2**
2	Pedestrian circulation	**2**
3	Bicycle circulation	**2**
4	Vehicular circulation	**2**
5	Site grading and stormwater management	**2**
6	Site utilities: Water supply	**2**
7	Site utilities: Sewage disposal	**2**
8	Site utilities: Recreational water bodies and Irrigation	**2**
9	Special conditions: Roof and deck landscapes	**2**
10	Special conditions: Sound control	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
	Allen, E., Ryan, T., & Rand, P. (2013). Detailing for landscape architects. Wiley.
Essential References Materials	Shehata, A. (2021). Design of Outdoor Spaces. Universal Publishing Ltd.
	Littlewood, M. (2012). Landscape Detailing Volume 1. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 2. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 3. Taylor and Francis.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

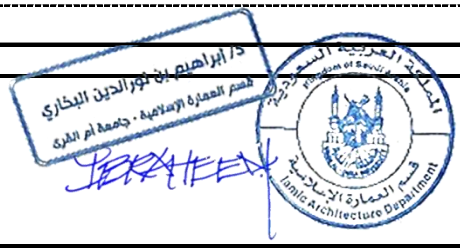
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Introduction to Sustainable Urban Design**
Code:	**ARC 3335**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD12

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**11**
4. Pre-requisites for this course (if any)**:**							
ARC 3031 Urban Design Studio 1: Existing Areas Development							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Sustainable urban design has become more widespread in recent years. This course was engineered to inspire and help create better, more sustainable, well-connected neighborhoods. It looks beyond the scale of buildings to consider entire communities.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Apply the knowledge of theories and methods of designing the built environment. Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.3	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)	**S2**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to sustainable urban design	**2**
2	Smart location and linkage	**2**
3	Sustainable neighborhood pattern and design: Walkable streets and compact development	**2**
4	Connected and open community	**2**
5	Housing types and affordability	**2**
6	Transit facilities and transportation demand management	**2**
7	Access to civic, public spaces and recreation facilities	**2**
8	Visitability and universal design	**2**
9	Green infrastructure and buildings	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Eval. of Report
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Eval. of Presentation
1.3	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Self–Learning	Written & Drawing Exam
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Self–Learning	Direct Observation
2.2	Analyze the Islamic values and its impact on the formation of the human and built environment at multiple scales. (S2-a)		
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning (Research work)	Teamwork Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
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***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Friedman, A. (2022). Designing Innovative Sustainable Neighborhoods. Routledge.
	Friedman, A. (2020). Fundamentals of sustainable urban design. Springer.
Essential References Materials	Friedman, A. (2014). Fundamentals of sustainable neighbourhoods. Springer.
	U.S. Green Building Council. (2013). LEED Reference Guide for Green Neighborhood Development.
	Cohen, S., & Dong, G. (2021). The sustainable city. Columbia University Press.
	Alvarez-Risco, A. (2021). Building Sustainable Cities. SPRINGER.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

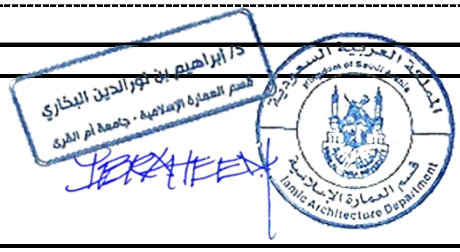
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Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٣)
رمز المقرر:	ICC3203
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

ب- هدف المقرر ومخرجاته التعليمية: ٣

١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

د. التدريس والتقييم: ٥

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٥

٢. أنشطة تقييم الطلبة ٦

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: ٦

و – مصادر التعلم والمرافق: ٦

١. قائمة مصادر التعلم: ٦

٢. المرافق والتجهيزات المطلوبة: ٧

ز. تقويم جودة المقرر: ٧

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:
٢. نوع المقرر أ. متطلب جامعة ☐ متطلب كلية ☐ متطلب قسم ☐ أخرى ب. إجباري ☐ اختياري
٣. السنة / المستوى الذي يقدم فيه المقرر
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) **ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١**
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية يبين فيها أهمية الأسرة والمجتمع، من حيث مفهومها، ومكانتها، ومقاصد بنائها، وهدي الإسلام في حل المشكلات والتعامل معها، وكما يقدم دراسة تحليلية لأسرتي خليلي الرحمن: إبراهيم ومحمد عليهما الصلاة والسلام.

٢. الهدف الرئيس للمقرر:

- التعرف على أهمية الأسرة ومكانتها.
- إدراك وسطية الإسلام في تعزيز قيمة الأسرة والمجتمع.
- بيان مراعاة الشريعة لحفظ الضرورات الخمس.
- تعريف الطالب بمسؤوليته تجاه مجتمعه.
- التعريف بأسرة إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم.

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعرّف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.2	يعدد النظم الإسلامية ومقاصدها ومصادرها وخصائصها	
1.3	يشرح بنظام الأسرة في الإسلام وأهم الشبه المثارة عليه	
1.4	يستعرض مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	
1.4	يقدم شرحا عن تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	
2	**المهارات**	
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	
2.2	يقارن بين النظام الاقتصادي في الإسلام والأنظمة الوضعية	
2.3	حرر مذهب السلف في تحريم الخروج على أئمة المسلمين	
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	
3	**القيم**	
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	
3.2	يكون عالقات ناجحة داخل الجامعة وخارجها	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مفهوم الأسرة، وأهميتها، ومقاصدها:** يدرس الطالب في هذه المفردة مفهوم الأسرة، وأهميتها، ومقاصد بنائها من حيث كونها اللبنة الأولى التي تنشأ فيها الأجيال.	٢
٢	**مراحل تكوين الأسرة:** تتطرق هذه المفردة إلى يان مراحل تكوين الأسرة، من فترة البدء في فكرة الزواج ، وحتى تكوين الأسرة بأفرادها: من زوج وزوجة وأبناء	٢
٣	**الواجبات والحقوق بين الزوجين:** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين الزوجين، سواء الحقوق المفردة أو المشتركة بينهما. **الواجبات والحقوق بين أفراد الأسرة (الإباء، الأبناء، الأرحام):** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين أفراد الأسرة الواحدة: حقوق الآباء على الأبناء، وحقوق الأبناء على الآباء، والحقوق بين الأقارب والأرحام.	٢
٤	**الخلافات الأسرية، ومنهج الإسلام في التعامل معها:** في هذه المفردة سيتعلم الطالب منهج الإسلام في بناء الأسرة المسلمة، وعلاج الخلافات الأسرية وفق المنهج الرباني.	٢
٥	**المجتمع: مفهومه، مقاصده، سننه:** تتطرق هذه المفردة إلى التعريف بالمجتمع، وخصائصه، والمقاصد الشرعية للاجتماع، والهدي الشرعي في الاجتماع. **الفروض الكفائية والمسؤولية المجتمعية:** يدرس الطالب في هذه المفردة الفروض الكفائية، وعلاقتها بالمجتمع، وتعريفها، وبيان أنواعها، وفضائلها، وأمثلة عليها كمساعدة الفقراء والمساكين، والإحسان إلى الآخرين.. ونحوها.	٢
٦	**الضرورات الخمس: مفهومها، أهميتها، آثارها:** يدرس الطالب في هذه المفردة مفهوم المحافظة على الضرورات الخمس: الدين، والنفس، والعقل، والعِرض، والمال، وأهميتها، وأثارها الإيجابية على المجتمع.	٢
٧	**نظام الثواب والعقاب وأثره على الفرد والأسرة والمجتمع:** يدرس الطالب في هذه المفردة ما جاءت به الشريعة الإسلامية من نظام الثواب والعقاب، وبيان أثره على الأمن المجتمعي.	٢

٨	**المشكلات الاجتماعية: مظاهرها، علاجها:** تتطرق هذه المفردة إلى المشكلات الاجتماعية، من حيث: تعريفها، وأمثلة عليها، ومظاهرها، وطرق الوقاية والعلاج.	٢
٩	**دراسة تحليلية لأسرة خليل الرحمن إبراهيم عليه السلام، دراسة تحليلية لأسرة النبي محمد ﷺ:** تعنى هاتان المفردتان بدراسة تحليلية لسيرة خليلي الرحمن إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم، ونماذج من سيرتهم الأسرية، كقصة إبراهيم عليه الصلاة والسلام مع ساره وهاجر، ومع إسماعيل عليه السلام، وبناء الكعبة. كذلك قصة حادثة الإفك التي حدثت لبيت النبي صلى الله عليه وسلم. كما تتطرق المفردة إلى كيفية تحليل النص وتطبيقه في حياته الأسرية والاجتماعية.	٢
١٠	**دراسة تحليلية لمجتمع النبي ﷺ في المدينة:** يدرس الطالب في هذه المفردة مجتمع النبي صلى الله عليه وسلم، ومكوناته، ويتعرف على خصائص مجتمع الصحابة رضي الله عنهم.	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يتعرف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. أوراق عمل
1.2	يلم بنظام الأسرة في الإسلام وأهم الشبه المثارة عيه	التعلم الذاتي المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية عرض البحوث والمناقشة
1.3	يحدد مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. أوراق عمل
1.4	يذكر تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	تقييم الأبحاث وأوراق العمل
2.2	يقارن بين النظام الاقتصادي فري الإسلام الأنظمة الوضعية	ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكوين ملكة النقد واستخدام أسلوب المقارنة	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحرر مذهب السلف في تحريم الخروج على أئمة المسلمين	التعليم التعاوني الطريقة الاستقرائية	الملاحظة المباشرة والتقييم الجماعي تقييم أبحاث

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	التعلم الذاتي التكليف بواجبات	تقييم الأبحاث
3.0	**القيم**		
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	التعلم التعاوني الحوار والمناقشة	الملاحظة المستمرة وتقويم الأداء
3.2	يكون علاقات ناجحة داخل الجامعة وخارجها	التعلم التعاوني	الملاحظة المستمرة والتقييم الجما عي
3.3	يتمثل القيم الأخلاق الإسلامية الحميدة	التعليم التعاوني من خلال التكليف بواجبات وأبحاث وأنشطة جماعية التعليم على بناء الشخصية القدوة	الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	%٦٠
٢	التقويم المستمر	كل أسابيع الدراسة	%١٠
٣	عرض البحوث والمناقشة	التاسع	%١٥
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	%١٥

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	زاد المعاد في هدي خير العباد لابن القيم.
المراجع المساندة	١- السيرة النبوية لابن هشام. ٢- كتاب النكاح من خلال كتب السنة وشروحها. ٣- تحفة المودود بأحكام المولود لابن قيم الجوزية.
المصادر الإلكترونية	المكتبة الرقمية السعودية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، إدارة القسم، لجنة الجودة	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

اعتماد NCAAA
T4 2020

توصيف المقرر الدراسي

اسم المقرر:	الكتابة والتحرير العربي
رمز المقرر:	ARS1601
البرنامج:	يقدم لجميع طلبة الجامعة
القسم العلمي:	قسم اللغة والنحو والصرف
الكلية:	اللغة العربية وآدابها
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 4

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 4
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلبةي: 5

و – مصادر التعلم والمرافق: 5

1. قائمة مصادر التعلم: 5
2. المرافق والتجهيزات المطلوبة: 5

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 6

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: 2 ساعة
2. نوع المقرر أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐ ب. إجباري ☑ اختياري ☐
3. السنة / المستوى الذي يقدم فيه المقرر: العام الأول
4. المتطلبات السابقة لهذا المقرر (إن وجدت) **لا يوجد**
5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20
2	معمل أو إستوديو	-
3	دروس إضافية	-
4	أخرى (تذكر) الساعات المكتبية	-
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

هذا المقرر أحد متطلبات جامعة أم القرى يدرسه جميع طلبة الجامعة وهو أحد مقررات الهوية العربية للجامعة ولطلبتها التي تحرص الجامعة على إبرازها ضمن رؤيتها ونقاط تميزها بين الجامعات.

2. الهدف الرئيس للمقرر

يهدف هذا المقرر إلى تمكين الطلبة من مهارات الكتابة اللغوية السليمة، مستعملين قواعد الرسم وعلامات الترقيم، ومتمكّنين من قواعد اللغة والصرف والنحو والمعجم، ومعبّرين تعبيرًا صحيحًا، مع قوّة الإقناع وغزارة الألفاظ، متجنّبين الأخطاء اللغويّة الشائعة، كما يمكّنهم من مهارات القراءة والفهم واستيعاب المقروء وتلخيصه.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	المعرفة والفهم	
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	
2	المهارات	
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	
3	القيم	

رمز مخرج التعلم المرتبط للبرنامج	مخرجات التعلم للمقرر	
	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	3.1
	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	3.2

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	أهمّيّة السّلامة اللّغويّة في كتابتنا، التمكّن من قواعد الرّسم الكتابيّ (الهمزة – الألف المتطرّفة) – علامات الترقيم، كتابة الأعداد بالحروف.	2
2	التعبير الصحيح في الكتابة للتعبير عن العدد والجنس والتعريف والتنكير والفاعلية والمفعولية والتكثير والمبالغة.	2
3	اتّقان تركيب الجملة العربيّة (أنواع الجمل – سمات الجملة الصّحيحة – القواعد الوظيفيّة- أدوات الرّبط).	2
4	تجويد الأساليب الكتابيّة: (مثل: الأمر – النّهي – النّفي - التّوكيد – النّداء – الاستفهام ...)	2
5	تنمية الثّروة اللّفظيّة وتوظيفها في الكتابة – الإفادة من المعجم العربيّ بنوعيه (المعاني والألفاظ)	2
6	الأخطاء الكتابيّة الشّائعة (إملائيّة – صرفيّة – نحويّة – أسلوبيّة)	2
7	الكتابة الوظيفية، وأنواعها: (الطلبات الإدارية، السيرة الذاتية، التقرير، الموجز التفصيلي، محضر الاجتماع) مع نماذج تطبيقيّة.	2
8	اختبار دوري تطبيقي: ضبط نصوص لغوية وإعادة كتابتها مضبوطة بالشكل مع استخدام علامات الترقيم المناسبة.	2
9	أنواع القراءة وأهمية كل نوع منها. ومهارة القراءة الجهرية وتمييز الأخطاء من خلال قراءة نصوص مختارة.	2
10	مهارة الفهم وتلخيص المقروء من خلال نماذج تطبيقية من نصوص مختارة.	2
	المجموع	20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	المعرفة والفهم		
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	المحاضرة مع النماذج التطبيقية	المناقشة والحوار
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	المناقشة والتحليل وتصميم الخرائط المفاهيمية	الاختبار النهائي
2	المهارات		
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	المحاضرة والتكليفات	تكليفات وواجبات
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	التكليفات مع الحوار والمناقشة	الحوار والمناقشة
3	القيم		
3.1	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	التعلم التعاوني	الملاحظة والاستماع
3.2	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	التعلم التعاوني	الملاحظة والحوار مع تصميم بطاقة ملاحظة للتقويم

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	الاختبار النصفي	السادس	10
2	الاختبار الدوري التطبيقي	الثامن	5
3	الواجبات والأنشطة الصفية (مثل الملخصات- التقارير- نماذج من التكليفات)	على مدار الفصل	5
4	الاختبار النهائي		60
	الإجمالي		100% من الدرجة الكلية

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

أ- تشجيع الطلبة على التواصل مع عضو هيئة التدريس في مكتبه، وعبر الإنترنت للإجابة عن استفساراتهم، والمشاكل التي تعترض سبيل استيعابهم للمقرر.

ج- تخصيص ساعات إضافية لمساعدة الضعيف من الطلبة، ورعاية الموهوبين منهم.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	المساعد في المهارات اللغوية أ.د/ رياض الخوام.
المراجع المساندة	-فن التحرير العربي ضوابطه وأنماطه. د/ محمد صالح الشنطي. - فنون الكتابة ومهارات التحرير العربي. د/ كمال زعفر علي. -فن الكتابة والتعبير. د/ محمد علي أبو حمدة. - أساسيات التحرير وفن الكتابة بالعربية، د/ حسين المناصرة ورفيقيه. - معجم الأخطاء الشائعة، محمد العدناني. - معجم أخطاء الكتَّاب، صلاح الدين الزعبلاوي. - قل ولا تقل، مصطفى جواد. - نحو إتقان الكتابة العلمية باللغة العربية، لمكي الحسني. -أخطاء الكتّاب والإذاعيين، أحمد مختارعمر. -معجم الأغلاط اللغوية المعاصرة، للعدناني - دليل الأخطاء الشائعة في الكتابة والنطق، لمروان البوَّاب التحرير العربي، د/ أحمد شوقي رضوان، ود/ عثمان بن صالح القريح.
المصادر الإلكترونية	موقع مكتبة الملك عبد الله الجامعية
أخرى	الأقراص المدمجة

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	لا يوجد
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	برنامج البلاك بورد

العناصر	متطلبات المقرر
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

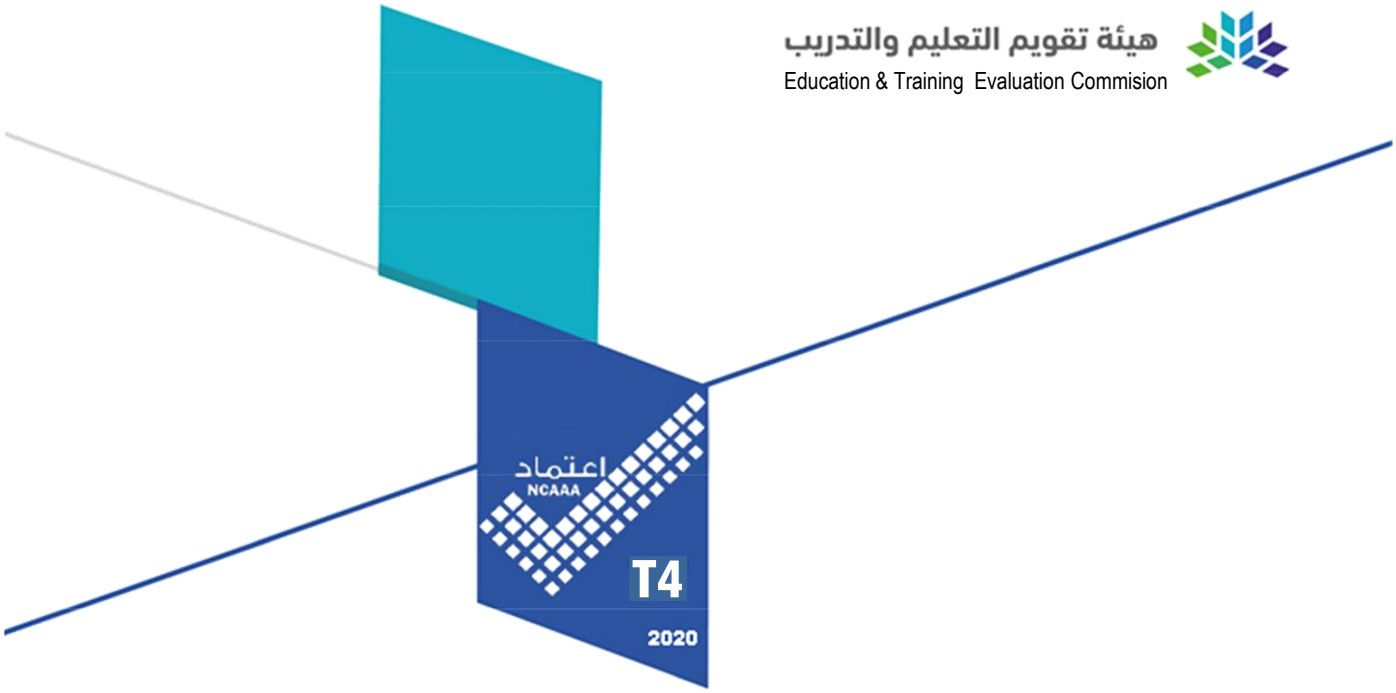
مجالات التقويم	المقيمون	طرق التقييم
فاعلية استراتيجيات التدريس المستخدمة	النظير الطلبة	(مباشر) (غير مباشر)
فاعلية آلية تقييم الطلبة	النظير	(مباشر)
كفاية مصادر التعلم	أستاذ المقرر الطلبة	(مباشر) (غير مباشر)
مصداقية الاختبار وموضوعيته	نظير من نفس التخصص لجنة فحص أسئلة الاختبار	(مباشر) (غير مباشر)
مدى تحقق مخرجات التعلم للمقرر	أستاذ المقرر – قيادة البرنامج الطلبة	(مباشر) (غير مباشر)

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلبة، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	رئيس القسم. د أسامة بن أحمد السلمي
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Urban Design Studio 3: Sustainability**
Code:	**ARC 3033**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD15

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

ARC 3335 Introduction to Sustainable Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Sustainable urban design has become more widespread in recent years. This studio was engineered to inspire and help create better, more sustainable, well-connected neighborhoods. Students are asked to design the neighborhood regarding the planning requirements and the urban regulations and standards and strategies of sustainability. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. Solve complicated problems associated with the built environment. Apply various means to achieve sustainable built environment. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project and a general review about urban sustainability	**10**
2	Data collection to understand problems	**10**
3	Analyzing the collected data to reach the main objectives	**10**
4	Developing alternatives - Part 1	**10**
5	Developing alternatives - Part 2	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Detailed urban design for one sustainability strategy	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning	Eval. of Research
1.2	Demonstrate adequate understanding of the means to achieve an environmentally sustainable built environment. (K1-j)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply various means to achieve sustainable built environment. (S1-k)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Project(s)

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Friedman, A. (2022). Designing Innovative Sustainable Neighborhoods. Routledge.
	Friedman, A. (2020). Fundamentals of sustainable urban design. Springer.
Essential References Materials	Friedman, A. (2014). Fundamentals of sustainable neighbourhoods. Springer.
	U.S. Green Building Council. (2013). LEED Reference Guide for Green Neighborhood Development.
	Cohen, S., & Dong, G. (2021). The sustainable city. Columbia University Press.
	Alvarez, A. (2021). Building sustainable cities: social, economic and environmental factors. SPRINGER.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

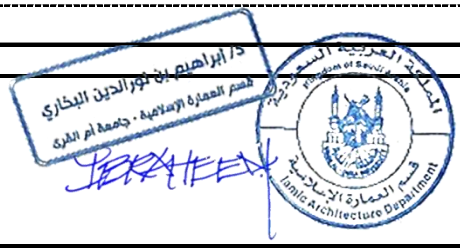
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Landscape Architecture Studio**
Code:	**ARC 3133**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD16

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**12**	

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

ARC 3334 Advanced studies in Landscape Architecture

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This course aims at developing a landscape project at an urban scale based on a real subject chosen by the coordinator. The students should apply all skills and knowledge to create the convenient and creative projects. Simultaneously, the studio previews the execution of hard and soft-scape elements along with different design stages. Furtherer, it introduces an introduction to writing the landscape specifications.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**6**
2	Existing condition analysis and demolition plan (if any)	**6**
3	Layout and materials plan	**6**
4	Layout and materials plan	**6**
5	Grading and drainage plan	**6**
6	Road profiles and sections	**6**
7	Plan enlargements	**6**
8	Site sections	**6**
9	Landscape details	**6**
10	Written landscape specifications	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
	Allen, E., Ryan, T., & Rand, P. (2013). Detailing for landscape architects. Wiley.
Essential References Materials	Shehata, A. (2021). Design of Outdoor Spaces. Universal Publishing Ltd.
	Littlewood, M. (2012). Landscape Detailing Volume 1. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 2. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 3. Taylor and Francis.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

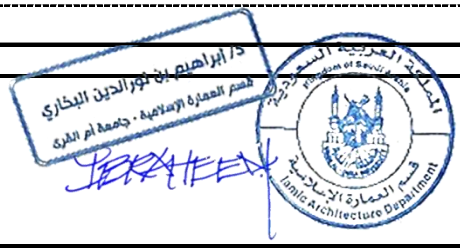
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Conservation of Heritage Sites**
Code:	**ARC 3336**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD17

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2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course emphasizes on the importance of urban heritage. It introduces different criteria for identification, classification, documentation and levels of conservation. Students will identify urban and environmental threats: spaces, negligence and lack of maintenance and deterioration significances. They will also recognize the principles and degrees of conservation and techniques of restoration for urban heritage. This course is considered as an introduction to "Urban Design Studio 4: Heritage Urban Conservation".

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Describe the conservation methods of the built heritage. Independently seek information and use it appropriately. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Describe the conservation methods of the built heritage. (K1-g)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to urban heritage conservation	**2**
2	Definition and importance of conservation of urban heritage	**2**
3	Kinds, patterns and levels of urban heritage	**2**
4	Principals and issues of protecting urban heritage	**2**
5	Criteria and methods of preliminary identifying urban heritage	**2**
6	Methodology of analyzing and developing urban heritage	**2**
7	Approaches and policies of conserving urban heritage	**2**
8	International experiences of protecting urban heritage	**2**
9	Regional experiences of protecting urban heritage	**2**
10	National experiences of protecting urban heritage in Saudi Arabia	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Describe the conservation methods of the built heritage. (K1-g)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Kalman, H., & Le?tourneau, M. (2014). Heritage planning: Principles and Process. Routledge.
	Ministry of Municipalities and Village. (1426 H). Guide for the Conservation of Urban Heritage.
Essential References Materials	Bagader, M. (2019). The Evolution of Built Heritage Conservation Policies in KSA. LAP LAMBERT.
	Pickard, R. (2012). Policy and law in heritage conservation. Taylor & Francis.
	Rodwell, D. (2009). Conservation and Sustainability in Historic Cities. Wiley.
	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

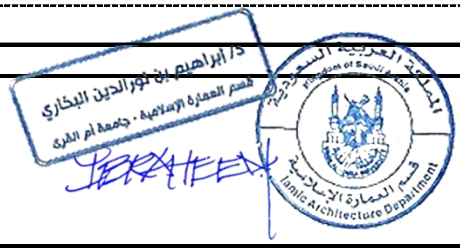
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Streets Planning and Design**
Code:	**ARC 3337**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD18

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the design concepts, properties and design criteria of streets. It covers hierarchies of the urban infrastructure (water supply, sanitation, drainage, energy, solid wastes, telecommunication, roads, and gas supply), and their relation with technologies of connection, piping, tunnelling, transport systems (metro, trains, etc.), high tension power lines, location and siting, spatial requirements, and standards. It also discuss different aspects of roads, streets, squares and squares with Introducing the different types of them and their classification methods, functions, roles and their urban qualities.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Street design concepts	**2**
2	Street hierarchies	**2**
3	Urban infrastructure	**2**
4	Infrastructure technologies	**2**
5	Urban Open Spaces	**2**
6	Urban qulities	**2**
7	Urban Furneture	**2**
8	Bus stops and terminals	**2**
9	Material properties	**2**
10	Signage and environmental quality	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Leedy, P., & Ormrod, J. (2018). Practical research. Pearson.
	Moughtin, C. (2007). Urban design: street and square. Routledge.
Essential References Materials	Rubenstein, H. (1992). Pedestrian malls, streetscapes, and urban spaces. J. Wiley.
	Adriana, P. (2016). Visual Pollution: Advertising, Signage and Environmental Quality. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

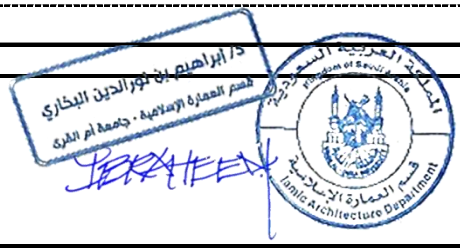
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Humanizing the Cities**
Code:	**ARC 3338**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD19

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The heavy dependency on private cars has shaped the design of cities. This course focuses on humanizing cities in favor of greener and humanized urban design that would improve the quality of life and reduce the global threat of climate change. The course discusses a wide range of topics including design of street scape and plazas, mixed land use, community participation, etc.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Quality of life in urban environments	**2**
2	The human dimension in urban design process	**2**
3	Walkability and car-free city development	**2**
4	Humanizing cities: Street scape	**2**
5	Humanizing cities: Plazas	**2**
6	Humanizing cities: Mixed land use	**2**
7	Humanizing cities: Tactical urbanism	**2**
8	Humanizing cities: Human scale	**2**
9	Humanizing cities: Community participation	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Doheim, R., Farag, A., & Kamel, E. (2020). Humanizing cities through car-free city development and transformation. Engineering Science Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Essential References Materials	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

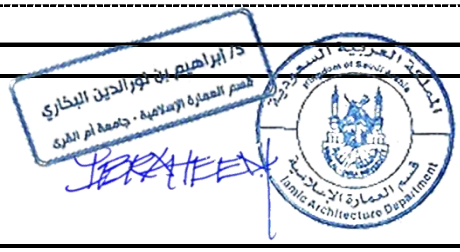
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Design Studio 4: Urban Heritage Conservation**
Code:	**ARC 3034**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD22

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**5**	Level	**13**

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

ARC 3336 Conservation of Heritage Sites

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

The studio emphasizes on the importance of urban heritage in Saudi Arabia. Students are asked to deal with an urban heritage site regarding the principles and process of conservation, and the built heritage conservation policies in Saudi Arabia. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Describe the conservation methods of the built heritage. Identify the relevant laws, rules and legislations that regulate the built environment. Solve complicated problems associated with the built environment. Apply various conservation methods to preserve the built heritage. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Describe the conservation methods of the built heritage. (K1-g)	**K1**
1.3	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply various conservation methods to preserve the built heritage. (S1-l)	**S1**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Review of urban heritage conservation	**10**
2	Data collection to understand problems	**10**
3	Analyzing the collected data to reach the main objectives	**10**
4	Developing alternatives - Part 1	**10**
5	Developing alternatives - Part 2	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Development of various aspects of the selected alternative - Part 4	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning	Eval. of Research
1.2	Describe the conservation methods of the built heritage. (K1-g)	Self–Learning (Research work)	Eval. of Research
1.3	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning	Eval. of Research
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply various conservation methods to preserve the built heritage. (S1-l)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Project(s)

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Kalman, H., & Le?tourneau, M. (2014). Heritage planning: Principles and Process. Routledge.
	Ministry of Municipalities and Village. (1426 H). Guide for the Conservation of Urban Heritage.
Essential References Materials	Bagader, M. (2019). The Evolution of Built Heritage Conservation Policies in KSA. LAP LAMBERT.
	Pickard, R. (2012). Policy and law in heritage conservation. Taylor & Francis.
	Rodwell, D. (2009). Conservation and Sustainability in Historic Cities. Wiley.
	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

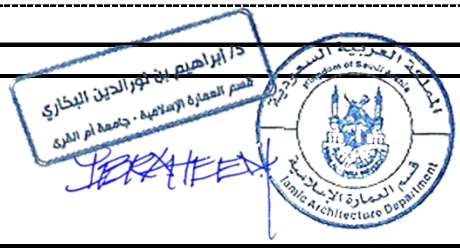
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Graduation Project Research: Urban Design**
Code:	**ARC 3339**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD23

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**20**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to "Graduation Project Studio 1: Integrated Urban Design". It focuses on choosing a graduation project title that matches the student's approach such as landscape planning or designing, urban design, or in the field of preservation or upgrading. Furthermore, student will learn how to prepare an actual project methodology through studying and analysing past experiences and case studies to elicit the learned lessons from these experiences. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Independently seek information and use it appropriately. Analyze data from a variety of sources. Formulate results of different experiments. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
2.3	Formulate results of different experiments. (S3-c)	**S3**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Scientific research objectives and its scope	**2**
2	Research problem, hypothesis and methodology	**2**
3	Representation techniques of urban design	**2**
4	Selecting the graduation project	**2**
5	Analyses of previous similar projects - Part 1	**2**
6	Analyses of previous similar projects - Part 2	**2**
7	Analyses of previous similar projects - Part 3	**2**
8	Specifying and selecting the appropriate site	**2**
9	Identify the relevant laws, rules and legislations	**2**
10	Defining statistics and vision for the selected graduation project	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning (Research work)	Eval. of Report
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning (Research work)	Eval. of Report
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Report
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning (Research work)	Eval. of Report
2.3	Formulate results of different experiments. (S3-c)	Self–Learning (Research work)	Eval. of Report
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Report stages, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Oral Exam)	5	20%
3	Final Report Submission	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Deetjen, T. (2020). Published: a Gide. Productive Academic. Schluter, W. (1926). How to do research work. Prentice-Hall, Inc.
Essential References Materials	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

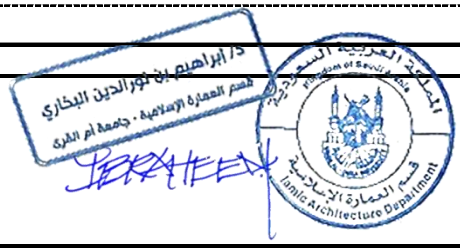
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Cities Centers**
Code:	**ARC 3340**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD24

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**5**	Level	**13**	

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course deals with the basic theories related to the planning and development of city centers. It clarifies the main problems that urban centers suffer from globally and in Saudi cities in particular, and the strategies for solving these problems. Furthermore, this course discusses quantitative and qualitative survey methods, as well as training on methods of redevelopment and planning of the city center.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	Main problems of city centers	**2**
3	Main elements of city centers	**2**
4	Patterns of city centers	**2**
5	Theoretical and conceptual approaches used in planning city centers - Part 1	**2**
6	Theoretical and conceptual approaches used in planning city centers - Part 2	**2**
7	Toward safer city centers	**2**
8	Main problems of city centers in Saudi Arabia	**2**
9	Strategies for solving problems of city centers	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ruimte, M. (2012). Environmental Problems of the City Centres. Springer.
	Helms, G., Boyle, M., Mitchell, D., & Pinder, D. (2016). Towards Safe City Centres?. Taylor & Francis.
Essential References Materials	Alexander, I. (1975). The City Centre: Patterns and Problems. Intl Specialized Book Services.
	Oc, T. (1997). Safer city centres. P. Chapman Publ.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

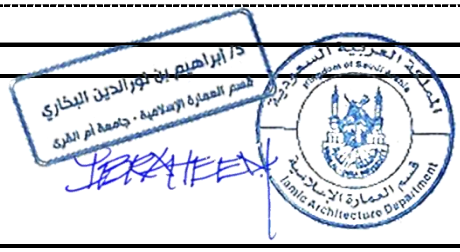
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Sociology**
Code:	**ARC 3341**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD25

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

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D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to urban sociology. Organized around an integrated paradigm, the sociospatial perspective, this course illustrates the role played by social factors such as gender, lifestyle, economics, and culture on the development of metropolitan areas. With its unique perspective, concise history of urban life, clear summary of urban social theory, and attention to the impact of culture on urban development, this course gives students a cohesive conceptual framework for understanding cities and urban life.

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	The origins of urban life	**2**
2	Ancient urbanization and classical cities	**2**
3	Urban Sociology: Definition and theoretical paradigms	**2**
4	Contemporary Urban Sociology	**2**
5	People and lifestyle in the metropolises: Urban and suburban culture	**2**
6	Neighborhoods and communities	**2**
7	Metropolitan problems	**2**
8	Urbanization in the developing world	**2**
9	Metropolitan planning and environmental issues	**2**
10	Future of Urban Sociology	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Gottdiener, M., Hutchison, R., & Ryan, M. (2019). The new urban sociology. Westview Press.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

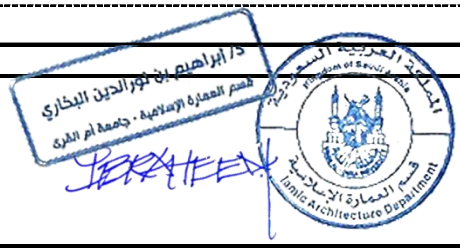
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Principles of Urban Mobility**
Code:	**ARC 3342**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD26

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**5**	Level	**13**	

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course discusses the complex relationship between transportation, land use and urban form, and the varied instruments available to planners seeking to influence this relationship. It discusses how different urban accessibility pathways impact directly on other measures of human development. It also presents the enabling conditions for increasing accessibility and low-carbon mobility in cities and what makes neighborhoods livable. It addresses the effectiveness of applying policies of green transportation in urban areas.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to urban mobility	**2**
2	Urban mobility challenges	**2**
3	The state of urban passenger transport	**2**
4	Urban accessibility pathways	**2**
5	Urban goods transport	**2**
6	Mobility and urban form	**2**
7	Equitable access to urban mobility	**2**
8	Urban mobility and the environment	**2**
9	Toward sustainable urban mobility	**2**
10	Introduction to neighborhood traffic safety	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	UN-habitat. (2013). Planning and Design for Sustainable Urban Mobility. Routledge. Whitelegg, J. (2016). Mobility. Createspace independent Publishing platform.
Essential References Materials	Coxon, S., Napper, R., & Richardson, M. (2018). Urban mobility design. Elsevier.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

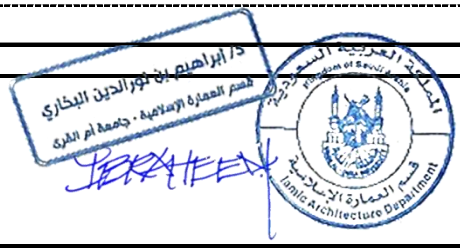
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Public Transportation Planning and Management**
Code:	**ARC 3343**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD27

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3033 Urban Design Studio 3: Sustainability

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces principles of public transport planning and management. It focuses on public transport theories and systems. It discuss typologies of public transportation system such as, cars, street cars, bus, bus rapid transit, light rapid transit, railway rapid transit and transit oriented development. The course cover route modeling and assignment, trip timing, distance and scheduling, cost subsidies, public involvement, and sustainable practices.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Principles of Public Transport	**2**
2	Public transport theories and systems	**2**
3	Typologies of public transportation -Part 1	**2**
4	Typologies of public transportation - Part 2	**2**
5	Modeling and assignment	**2**
6	Trip timing	**2**
7	Distance and scheduling	**2**
8	Cost subsidies	**2**
9	Public involvement	**2**
10	Sustainable practices	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Verma A, Ramanayya TV. Public transport planning and management in developing countries. Boca Raton: CRC Press; 2014 Dec 17. Gray GE, Hoel LA. Public transportation: planning, operations, and management.
Essential References Materials	Black J. Urban transport planning: Theory and practice. Routledge; 2018 May 30. Abdallah T. Sustainable Mass Transit: Challenges and Opportunities in Urban Public Transportation.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

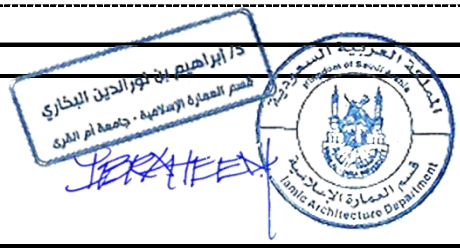
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

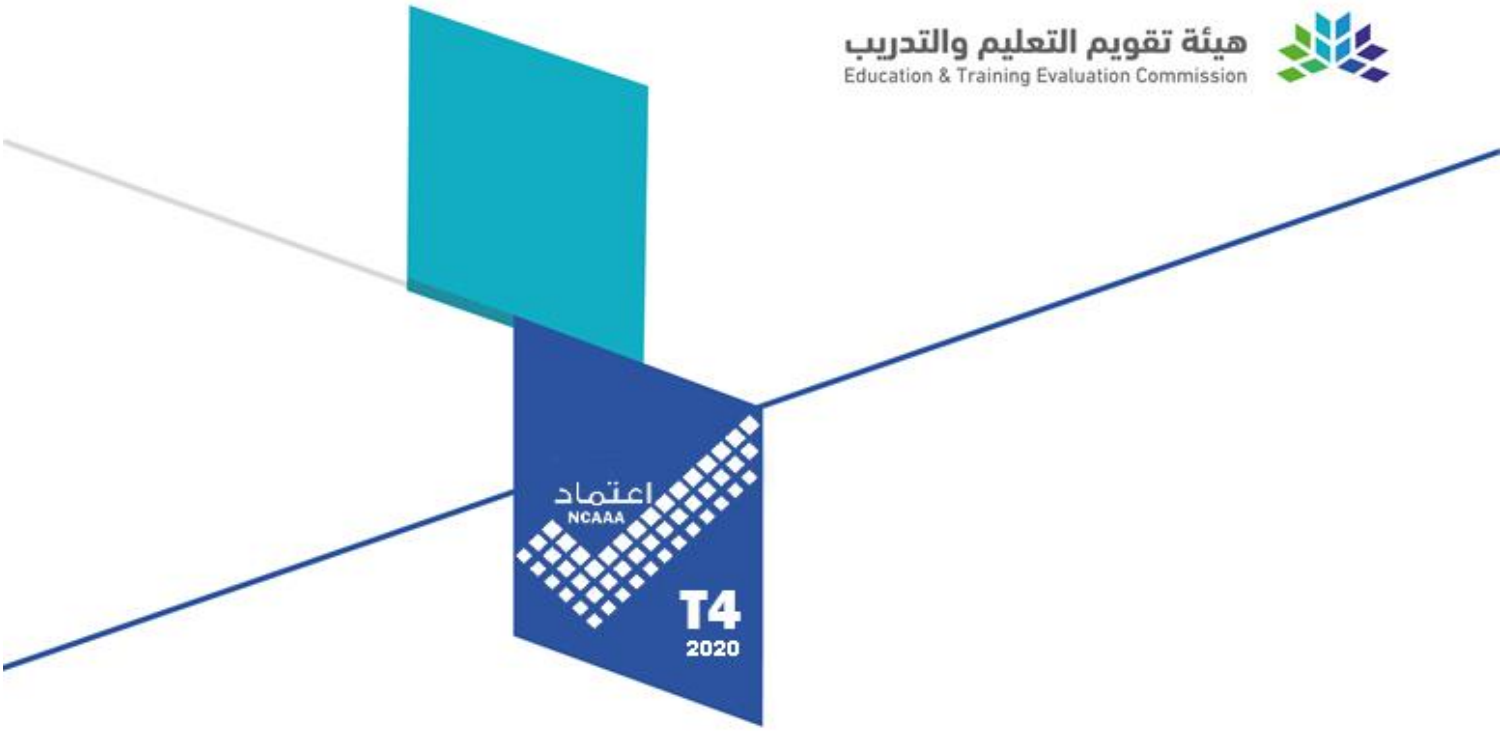
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٤)
رمز المقرر:	ICC4204
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

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ب. إجباري ☒ اختياري ☐

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ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١ ، ثقافة إسلامية ٣٠١

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لا يوجد

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م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

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م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية عن الأخلاق في الإسلام، من حيث مفهومها ومنزلتها وأسسها وأبرز جوانبها، وعن الجانب الخلقي العظيم لرسولنا الكريم صلى الله عليه وسلم ، ثم يعرض تطبيقات أخلاقية ترقى بالمجتمع وتحافظ عليه

٢. الهدف الرئيس للمقرر:

- أن يتعرف الطالب على أهمية ومنزلة الأخلاق في الإسلام .
- أن يدرك الطالب مدى ارتباط الأخلاق بالسعادة في الدارين .
- أن يلم الطالب بالجوانب الخلقية لدى الرسول القدوة ﷺ .
- أن يربط الطالب بين الأخلاق ورقي المجتمع واستقامته .
- أن يتعرف الطالب على تطبيقات القيم والأخلاق ، وأهميتها في واقع حياته

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعّرف سمات المجتمع المسلم والمجتمعات المغايرة	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	يستعرض مفهوم الأخلاق وأهميتها.	
1.2	يعدد أبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	
1.3	يصف أهم الأخلاق الفردية والاجتماعية.	
1.4	يشرح أبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	
2	**المهارات**	
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	
3	**القيم**	
3.1	يشارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة وأخلاقيات المهنة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مدخل إلى الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة مدخلاً عامًا للأخلاق في الإسلام وذلك من حيث : المفهوم، الأهمية، الأسس، الخصائص، المقارنة بالأخلاق قبل الإسلام .	٢
٢	**عناية الإسلام بالأخلاق الفردية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الفردية وبيان أهميتها مع ذكر أمثلة لها :كالصدق، والرفق، والتواضع، وغيرها من الأخلاق الفردية. **عناية الإسلام بالأخلاق الاجتماعية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الاجتماعية وبيان أهميتها مع ذكر أمثلة لها كالأمانة، والوفاء، والتراحم، وغيرها من الأخلاق الاجتماعية.	٢
٣	**ثمرات الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة الثمرات الدنيوية والأخروية للأخلاق في الإسلام	٢
٤	**النبي ﷺ كما وصفه ربه تعالى:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ التي وصفها به الله تعالى ، وجوانب الاقتداء به ﷺ .	٢
٥	**أخلاق النبي ﷺ مع أسرته وأهل بيته:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع زوجاته ، وأولاده ، وخدمه ، وقرابته ، وجوانب الاقتداء به ﷺ .	٢
٦	**أخلاق النبي ﷺ مع صحابته ومجتمعه:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المجتمع المسلم حوله ﷺ كالصحابة ونحوهم ، وجوانب الاقتداء به ﷺ .	٢
٧	**أخلاق النبي ﷺ مع المخالفين:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المخالفين كالمشركين ، والمنافقين ، وأهل الكتاب ، وأهل الأديان الأخرى ، وجوانب الاقتداء به ﷺ	٢
٨	**تعظيم البلد الحرام وخدمة الحجاج والمعتمرين:** يدرس الطالب في هذه المفردة بيان مفهوم تعظيم البلد الحرام ، ومكانته ، وفضائله، وفضل ومكانة خدمة الحجاج والمعتمرين، مع ذكر أمثلة أخلاقية تطبيقية .	٢

٩	**تعزيز سلوكيات المواطن الصالح:** يدرس الطالب في هذه المفردة بيان مفهوم المواطن الصالح في الإسلام، والسلوكيات التي يجب على المواطن التحلي بها، والتأكيد على قيم الانتماء الوطني ، وذكر أمثلة أخلاقية تطبيقية ، وفي مقابل ذلك التحذير من التيارات المنحرفة والجماعات المتطرفة التي تدعو إلى خلاف ذلك .	٢
١٠	**الحث على العمل، تعزيز النزاهة، ومحاربة الفساد:** يدرس الطالب في هذه المفردة بيان مفهوم العمل وكسب الرزق في الإسلام وذكر أمثلة تطبيقية لأخلاقيات المهنة. يدرس الطالب في هذه المفردة بيان مفهوم النزاهة في الإسلام، وأهميته، وذكر أمثلة أخلاقية تطبيقية لمحاربة الفساد.	٢
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د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يعرف مفهوم الأخلاق وأهميتها.	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.2	يلم بأبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	التعلم الذاتي ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكليف الطالب بعمل بحث أو ورقة عمل	الاختبارات التحريرية والشفوية. عرض البحوث والمناقشة
1.3	يذكر أهم الأخلاق الفردية والاجتماعية.	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.4	يلم بأبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	التقييم الجماعي أوراق عمل
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	الطريقة الاستقرائية ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	التعليم التعاوني الحوار والمناقشة	الملاحظة المباشرة والتقييم الجماعي
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	التعليم النشط ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الملاحظة المستمرة تقييم الأبحاث
3.0	**القيم**		

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
3.1	يشـــارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	التعلم التعاوني التكليف بأبحاث وواجبات وأوراق عمل	الملاحظة المســتمرة وقويم الأداء وتقييم الأبحاث
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
3.3	يتمثل القيم والأخلاق الإسـلامية الحميدة وأخلاقيات المهنة	التعليم التعـاوني من خلال التكليف بواجبـات وأبحـاث وأنشطة جماعية	تقييم الأبحاث الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	٦٠%
٢	التقويم المستمر	كل أسابيع الدراسة	١٠%
٣	عرض البحوث والمناقشة	التاسع	١٥%
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	١٥%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	الآداب الشرعية للحافظ ابن مفلح المقدسي . النزاهة في مواجهة الفساد : تجربة المملكة العربية السعودية ، لمحمد بن عبد الله الشريف . الشمائل المحمدية للإمام الترمذي .
المراجع المساندة	١- الأخلاق والسير لابن حزم الأندلسي . ٢- زاد المعاد في هدي خير العباد لابن قيم الجوزية . ٣- السيرة النبوية لابن هشام . ٤- الشفا بتعريف حقوق المصطفى صلى الله عليه وسلم للقاضي عياض .
المصادر الإلكترونية	المكتبة السعودية الرقمية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

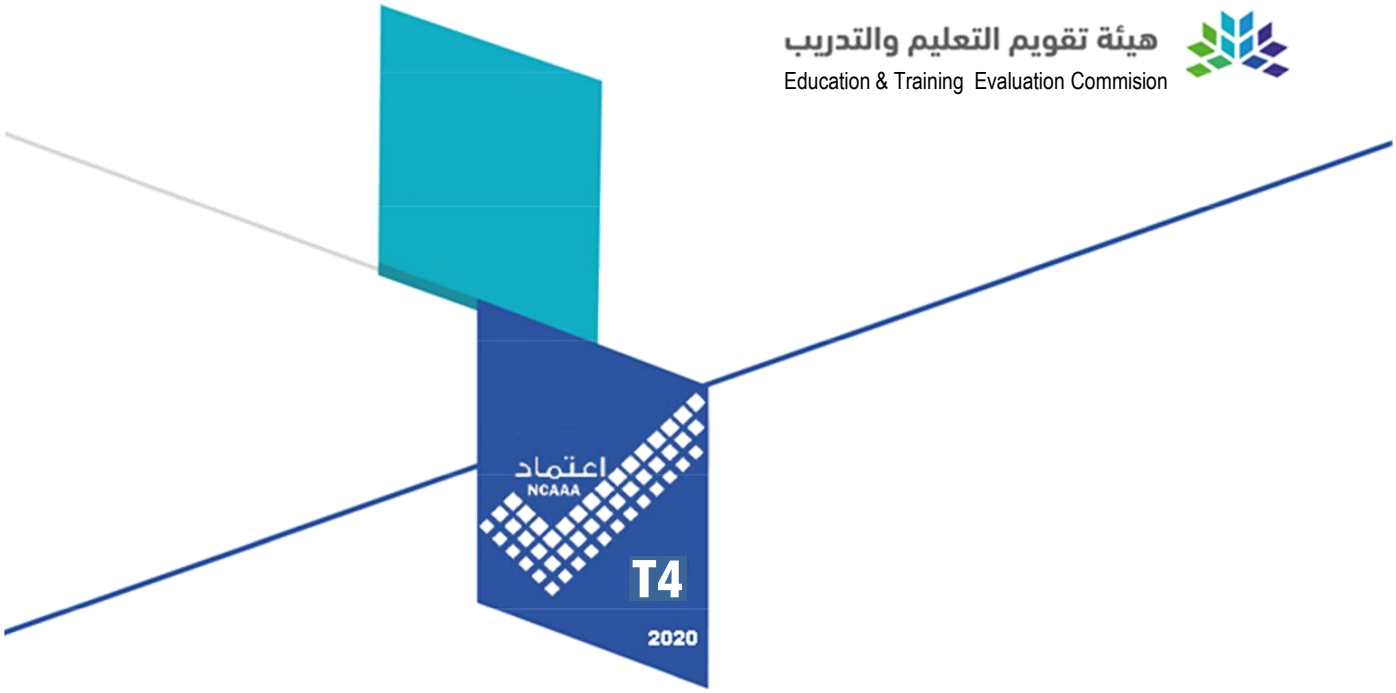
ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، لجنة الجودة، إدارة البرنامج	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	



Course Specifications

Course Title:	**Graduation Project Studio 1: Integrated Urban Design**
Code:	**ARC 4035**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD29

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A. Course Identification

1. Credit hours: **7** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3034 Urban Design Studio 4: Urban Heritage Conservation

ARC 3339 Graduation Project Research: Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

The Graduation Project studio focusses on "real world" strategic urban issues. Students will be working to develop abilities and skills (investigation, analysis and interpretation, design development and presentation) that enable them to prepare strategies, frameworks, concepts and master plans in a professional and visionary manner. Familiarity with economic, social and environmental factors, analytic and communication techniques will be assumed from previous courses. This studio is considered as the first phase of the graduation project. This phase concentrates on the data collection and analysis stages of the developmental process. Throughout the preparation of this phase, student will grasp the ideology of analyzing the final detailed program, setting alternatives, and taking urban design decisions.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**14**
2	Define feasible urban design problems	**14**
3	Collect information to understand the selected problems - Part 1	**14**
4	Collect information to understand the selected problems - Part 2	**14**
5	Analyzing the collected data to reach the main objectives - Part 1	**14**
6	Analyzing the collected data to reach the main objectives - Part 2	**14**
7	Developing three scenarios or concepts - Part 1	**14**
8	Developing three scenarios or concepts - Part 2	**14**
9	Developing three scenarios or concepts - Part 3	**14**
10	Evaluating the concepts based on assessment criteria	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Essential References Materials	Friedman, A. (2022). Designing Innovative Sustainable Neighborhoods. Routledge.
	Friedman, A. (2020). Fundamentals of sustainable urban design. Springer.
	Friedman, A. (2014). Fundamentals of sustainable neighbourhoods. Springer.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

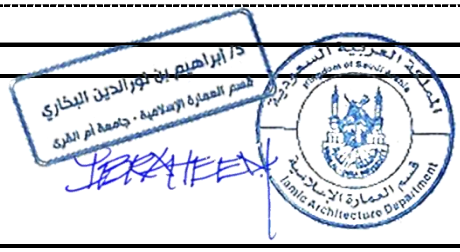
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Crowd Management**
Code:	**ARC 3344**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD30

Table of Contents

A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

3. Course Learning Outcomes 4

C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3034 Urban Design Studio 4: Urban Heritage Conservation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Crowd management is the organized and substantiated planning and the direction given to the orderly progression of events where large groups of people gather together such as in Hajj. Yearly there is an influx of over three million Muslims to Makkah to perform Hajj. As this large group of pilgrims move between the different religious sites safety and security becomes an issue of main concern. This course pleases emphasis on definitions, concepts and types of crowds. Moreover, it discusses crowd management strategies, international examples, and crowd management in the event of Hajj.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Solve complicated problems associated with the built environment. Independently seek information and use it appropriately. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to crowd science and its importance	**2**
2	Crowds: Definitions, concepts and types	**2**
3	Crowd disasters: Causes and triggers	**2**
4	The stages of crowd formation	**2**
5	Space capacity and crowds	**2**
6	Perceived crowding	**2**
7	Crowd management strategies - Part 1	**2**
8	Crowd management strategies - Part 2	**2**
9	International examples analysis	**2**
10	Crowd management in the event of Hajj	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Still, G. (2019). Introduction to Crowd Science. CRC Press
	Kemp, C. & Smith, P. (2010). Case Studies in Crowd Management. Entertainment Technology Press.
Essential References Materials	Marx, B. (2018). Crowd Management Made Easy. Independent Publishing Platform
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

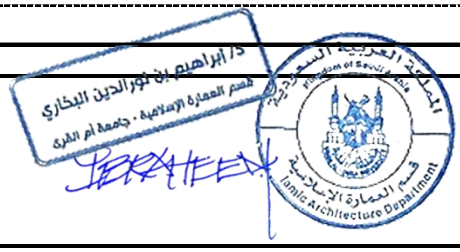
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Smart Urban Spaces**
Code:	**ARC 3345**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD31

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

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C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3034 Urban Design Studio 4: Urban Heritage Conservation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Smart cities as a concept have been widely used in the past decades in different fields and areas related to the city. One of these areas is the urban spaces. This course focuses on urban spaces concepts, technologies applied, benefits and challenges. It discusses how smart and innovative technologies can make urban spaces better, and how these spaces can improve people lives accordingly.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of various types of infrastructure systems. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to urban spaces	**2**
2	Smart urban public space concepts	**2**
3	The effect of smartness on urban public spaces	**2**
4	Socio economic values of smart urban space	**2**
5	Application tools to make urban spaces smarter	**2**
6	Smart urban landscape	**2**
7	Smart solutions for sustainable urban space	**2**
8	Challenges facing smart urban spaces	**2**
9	Case studies of smart urban spaces part - 1	**2**
10	Case studies of smart urban spaces part - 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Aurigi, A., & Odendaal, N. (2021). Shaping Smart for Better Cities. Brian Romer.
	Corchado, J., & Trabelsi, S. (2022). Sustainable smart cities and territories. Springer.
Essential References Materials	Peris-Ortiz, M., Bennett, D., & Pe?rez-Bustamante Ya?bar, D. (2017). Sustainable Smart Cities. Springer.
	Dameri, R., & Rosenthal-Sabroux, C. (2014). Smart city. Springer.
	Carta, S. (2022). Machine Learning and the City. Wiley-Blackwell
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

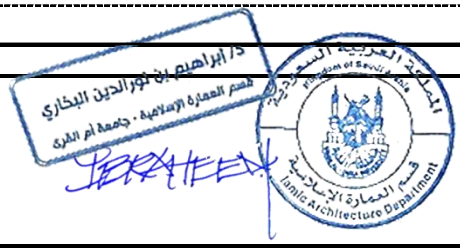
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Wayfinding**
Code:	**ARC 3346**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD32

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**5**	Level	**14**	

4. Pre-requisites for this course (if any)**:**

ARC 3034 Urban Design Studio 4: Urban Heritage Conservation

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Some cities are difficult for anyone to navigate and reach a particular destination. Effective wayfinding is important for people to make their way through outdoor environment, as it improves efficiency, accessibility, and safety. This course focuses on behaviors of wayfinders and urban design fundamentals for good wayfinding. It contains definitions of wayfinding, movement perceptual system and cognitive map. Furthermore, it discusses wayfinding elements and information needed for wayfinding process.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Solve complicated problems associated with the built environment. Apply the knowledge of theories and methods of designing the built environment. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Definitions of wayfinding	**2**
2	Movement perceptual system	**2**
3	Cognitive map	**2**
4	Wayfinding elements (Design, operational and behavioral systems)	**2**
5	Auditory information needed for wayfinding process	**2**
6	Optical information needed for wayfinding process	**2**
7	Urban information needed for wayfinding process	**2**
8	Urban design foundations for good wayfinding	**2**
9	Wayfinders	**2**
10	Case study analysis	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Passini, R. (1992). Wayfinding in architecture. Van Nostrand Reinhold.
	Gibson, D., & Pullman, C. (2009). The wayfinding handbook. Princeton Architectural Press.
Essential References Materials	Hero, C. (2021). Study Guide for Kevin Lynch's The Image of the City. Course hero.
	Olson, D., & Bialystok, E. (2014). Spatial Cognition. Taylor and Francis.
	He, L. (2012). Wayfinding Designs Worldwide. LST Publishing House.
	Calori, C. (2007). Signage and wayfinding design. John Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

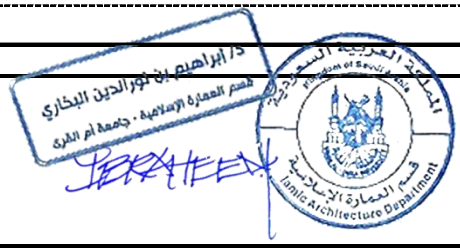
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

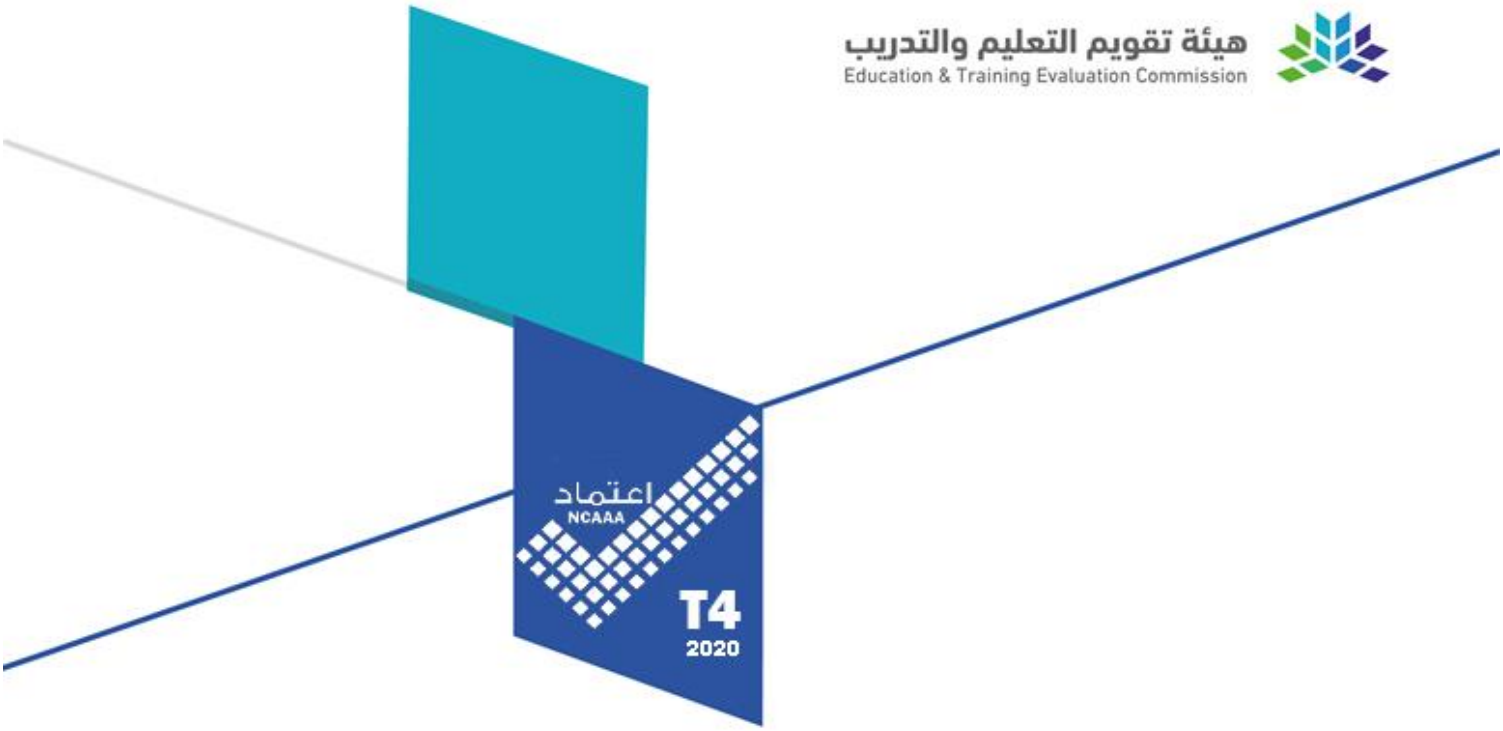
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن كريم (4)
رمز المقرر:	**(QR4104)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

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ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الرابعة.

4. المتطلبات السابقة لهذا المقرر:
القرآن الكريم (3).

5. المتطلبات المتزامنة مع هذا المقرر:
لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. **الوصف العام للمقرر:** يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم (جزء تبارك): من سورة الملك إلى سورة نوح حفظًا متقنًا.
2. تلاوة ثلاثة أجزاء: من سورة سبأ إلى سورة فصلت.
3. دراسة أحكام التَّجويد.
4. شرح غريب كلمات القرآن: من سورة الملك إلى سورة نوح.

2. الهدف الرئيس للمقرر: – تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله –عزَّ وجلَّ–، وفق طرق الأداء المعتبرة.

– حفظ حزب واحد من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	(مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي)، وتصحيح تلاوة سورة الملك من 1 إلى 15 مع التَّكليف بحفظها، مع شرح غريب القرآن.	2
2	تسميع سورة الملك من 1 إلى 15، تصحيح تلاوة سورة الملك من 16 إلى 30 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة سبأ.	2
3	تسميع سورة الملك من 16 إلى 30، تصحيح تلاوة سورة القلم من 1 إلى 31 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة فاطر من آية (1) إلى سورة يس آية (27)، شرح درس التجويد (مخارج الحروف الجزء الأول)	2
4	تسميع سورة القلم من 1 إلى 31، تصحيح تلاوة سورة القلم من 32 إلى 52 التَّكليف بحفظها، مع شرح غريب القرآن ، تلاوة سورة يس من آية (28) إلى سورة الصافات آية (76)، شرح درس التجويد (مخارج الحروف الجزء الثاني)	2
5	تسميع سورة القلم من 32 إلى 52، تصحيح تلاوة سورة الحاقة من 1 إلى 24 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الصافات من آية (77) إلى سورة ص آية (42)، شرح درس التجويد (صفات الحروف)	2

6	تسميع سورة الحاقة من 1 إلى 24، تصحيح تلاوة سورة الحاقة من 25 إلى 52 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة ص من آية (43) إلى سورة الزمر آية (40).	2
7	تسميع سورة الحاقة من 25 إلى 52، تصحيح تلاوة سورة المعارج مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الزمر من آية (41) إلى سورة غافر آية (25)، شرح درس التجويد (إدغام المتماثلين والمتجانسين والمتقاربين).	2
8	تسميع سورة المعارج، تصحيح تلاوة سورة نوح مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة غافر من آية (26) لآخر السورة، شرح درس التجويد (ترقيق الراء وتفخيمها).	2
9	تسميع سورة نوح من 1 إلى 20، تلاوة سورة فصلت.	2
10	تسميع سورة نوح من 21 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	المشاركة وحفظ الآيات وتلاوتها	مستمر	%20
2	الاختبار النصفي	السادس	%20
3	الاختبار النهائي	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
- مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلّيّة.
- مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
- إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
- تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
- إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
- توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
- المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	-القرآن الكريم. - الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. - التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	-قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.

العناصر	متطلبات المقرر
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
تقويم فاعليَّة استراتيجيات التَّدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر.	مباشر: الزِّيارة للفصل وتقرير فاعليَّة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غير مباشر: استبانة تقييم المقرَّر المتاحة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Graduation Project Studio 2: Integrated Urban Design**
Code:	**ARC 4036**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD35

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A. Course Identification

1. Credit hours: **7** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4035 Graduation Project Studio 1: Integrated Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is considered as the second phase of the graduation project. Student will continue on what was achieved on the prior course. In this phase, the student develops the urban design concept selected in the previous phase of the project. The student is encouraged to use innovative management tools such as place-marketing, events-marketing and websites deployment targeting potential developers.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Development of various aspects of the selected alternative - Part 1	**14**
2	Development of various aspects of the selected alternative - Part 2	**14**
3	Development of various aspects of the selected alternative - Part 3	**14**
4	Development of various aspects of the selected alternative - Part 4	**14**
5	Development of various aspects of the selected alternative - Part 5	**14**
6	Development of various aspects of the selected alternative - Part 6	**14**
7	Preparing an implementation framework- Part 1	**14**
8	Preparing an implementation framework- Part 2	**14**
9	Defining appropriate policies, actions and legal instruments- Part 1	**14**
10	Defining appropriate policies, actions and legal instruments- Part 2	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Friedman, A. (2022). Designing Innovative Sustainable Neighborhoods. Routledge.
	Friedman, A. (2020). Fundamentals of sustainable urban design. Springer.
	Friedman, A. (2014). Fundamentals of sustainable neighbourhoods. Springer.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

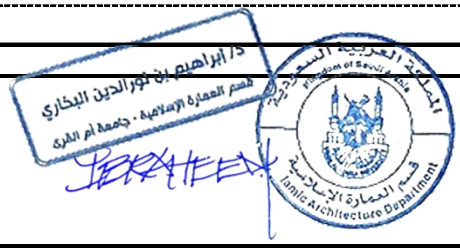
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Professional Practice of Urban Design**
Code:	**ARC 4347**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD36

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F. Learning Resources and Facilities 6

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2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4035 Graduation Project Studio 1: Integrated Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of urban design profession. The course includes a review to the responsibility of urban designer in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of urban design.

2. Course Main Objectives

The course aims at the students to: Identify the professional ethics and responsibilities related to the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Apply the knowledge of professional and regulatory requirements. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	**K3**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	An introduction to the state of urban design professional practice	**2**
2	The professional role of the urban designer	**2**
3	Competencies of an urban designer	**2**
4	Ethics in urban design profession	**2**
5	Regulations and rules that govern the professional practice	**2**
6	Practicing the urban design profession in Saudi Arabia	**2**
7	Principles for administering urban design or consulting offices	**2**
8	Successful management of an urban design office	**2**
9	Portfolio preparation	**2**
10	Writing of curriculum vitae (CV)	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	Direct Learning (Lecture)	Written Exam
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Saudi building code National committee (2018). The Saudi building code general 201.
	Bayer, M. & Frank, N. (2010). Becoming an Urban Planner. Wiley.
Essential References Materials	Unwin, R. (2020). Town design in practice. [publisher not identified].
	Piven, P. (2008). Architect's essentials of starting, assessing, and transitioning a design firm. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

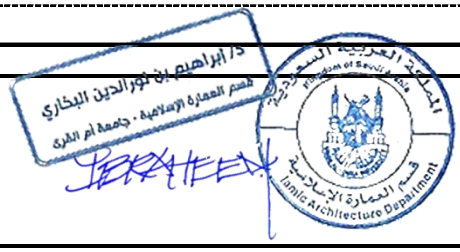
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Future Urbanism**
Code:	**ARC 4348**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD37

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**5**	Level	**15**	

4. Pre-requisites for this course (if any)**:**

ARC 4035 Graduation Project Studio 1: Integrated Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Today's cities are overshadowed by multiple threats that endanger our metropolitan way of life, so the concepts of the future cities will be changed accordingly. The fundamental tool we use to make sense of these uncertain city futures is the imagination. This course explores a range of imagined cities-submerged, floating, flying, vertical, underground, ruined, and salvaged-Future Cities. Bringing together architecture, fiction, film, and visual art, this course reconnects the imaginary city with the real, proposing a future for humanity.

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Independently seek information and use it appropriately. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction: Real and imagined future cities	**2**
2	Visual history of future cities	**2**
3	Climate change fictions	**2**
4	Drowned city	**2**
5	Floating city	**2**
6	Airborne city	**2**
7	Vertical city	**2**
8	Domed city	**2**
9	Underground city	**2**
10	Salvage and waste cities	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dobraszczyk, P. (2019). Future Cities: Architecture and the imagination. Reaktion Books. Dunn, N., & Pollastri, S. (2014). A visual history of the future. Foresight.
Essential References Materials	Banham, R., & Gannon, T. (2020). Megastructure: Urban Futures of the Recent Past. The Monacelli. Kumar, A. & Meshram, D. (2022). Future of Cities. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

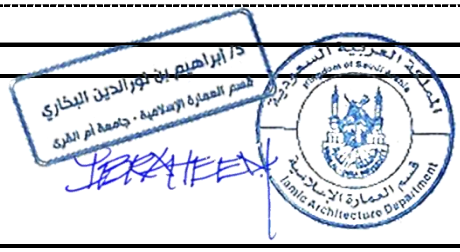
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Elective
Courses

مقررات
إختيارية

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Temporary Urbanism**
Code:	**ARC 3431**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD40 ** Elective Course 1: Urban Design

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The increased frequency of short-term events, in particular the temporary construction and use of space, has become known as temporary and tactical urbanism. This course presents a theoretical and critical analysis of this global trend. The importance of this course is due to the fact that Makkah al-Mukarramah is characterized by this type of urbanization in Mina, Muzdalefah and Arafat during the time of Hajj each year; furthermore, these places can be used efficiently during non-pilgrimage periods.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Concepts of time and location	**2**
2	Defining temporary and tactical urbanism	**2**
3	Forms of temporary urbanism	**2**
4	Principals of temporary and tactical urbanism	**2**
5	Applications of temporary urbanism- Part 1	**2**
6	Applications of temporary urbanism- Part 2	**2**
7	Applications of temporary urbanism- Part 3	**2**
8	Benefits and broader and longer-term problems	**2**
9	Al Mashaaer: Case study analysis - Part 1	**2**
10	Al Mashaaer: Case study analysis - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Lydon, M., & Garcia, A. (2015). Tactical urbanism. Island Press.
	Caneschi, F. (2022). Tactical Urbanism and DIY Archictecture. LAP LAMBERT.
Essential References Materials	Bishop, P., & Williams, L. (2012). The temporary city. Routledge.
	Dovey, K. (2016). Urban Design Thinking: A Conceptual Toolkit. Bloomsbury Academic.
	Madanipour., A. (2017). Cities in Time: Temporary Urbanism & the Future of the City. Bloomsbury Ac.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

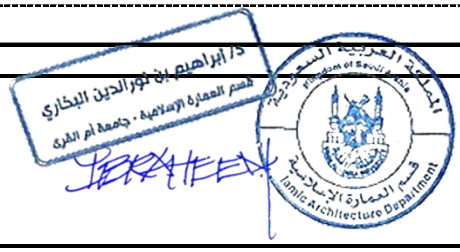
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Project Management for Planners**
Code:	**ARC 3432**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD41 ** Elective Course 1: Urban Design

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces students to the concept of effective project management (planning, prioritizing, scheduling, budgeting, negotiating, organizing, controlling, managing change, motivating, coaching, and refereeing) and is intended to develop a strategic thinking about project management. Topics covered in the course include the Triple Constraint Theory, Critical Path, PERT, Gantt, and Critical Chain Project Management (CCPM) methods. Besides, the content will focus on two domains. The first domain covers the concepts, theories, and process groups of the project management during the project life cycle (PLC); namely, Project Initiation, Project Planning and Design, Project Execution, Project Monitoring and Controlling, Project Completion. The second domain explores the nine "knowledge areas" of project management.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Concept of effective project management	**2**
2	Triple Constraint Theory (scope, time, and cost)	**2**
3	Critical Path, PERT, Gantt method	**2**
4	Critical Chain Project Management (CCPM) method	**2**
5	Concepts, theories, and process groups of the project management	**2**
6	Project Initiation, Project Planning and Design (or developing), Project Execution (or production)	**2**
7	Project Monitoring and Controlling, Project Completion (or closing)	**2**
8	Scope management, time management and cost management	**2**
9	Quality management, human resource management and communications management	**2**
10	Risk management, procurement management and Integration management	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Clark, T. (2018). Project Management for Planners. Planners press book. Kloppenborg, T. (2012). Contemporary Project Management. South-Western.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

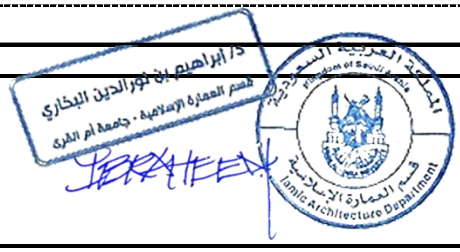
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Terminals Planning and Design**
Code:	**ARC 3433**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD42 ** Elective Course 1: Urban Design

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 3032 Urban Design Studio 2: New Areas Development

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course addresses the characteristics of transportation terminals on a mode-by-mode basis (seaports, railways, airports, parking lots, etc.). It reviews methodologies used to study terminal operations for different modes and the management of congestion (input-output diagrams, simulation, optimization, queuing). Although the course covers all transportation modes, freight terminals (ports and railways) receive extra attention to passenger transportation terminals. Besides, the course presents a number of recipes for examining and improving terminal operations. The course also presents the related aspects of terminal operations through modeling and (if necessary) observation.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	Seaports terminals	**2**
3	Railways terminals	**2**
4	Airports - Part 1	**2**
5	Airports - Part 2	**2**
6	Parking lots	**2**
7	Examining and improving terminal operations - Part 1	**2**
8	Examining and improving terminal operations - Part 1	**2**
9	Terminal operations through modeling - Part 1	**2**
10	Terminal operations through modeling - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Blow, C. (2012). Transport Terminals and Modal Interchanges. Routledge. Angershou, H. (2004). Planning and design of ports and marine terminals. Civil Eng Pub.
Essential References Materials	Brown, L. (2010). Airport passenger terminal planning and design. Transportation Research Board.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

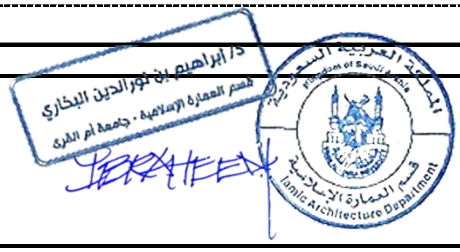
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Fundamentals of Real Estate Development**
Code:	**ARC 4441**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD43 ** Elective Course 2: Urban Design

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**
4. Pre-requisites for this course (if any)**:**							
ARC 4035 Graduation Project Studio 1: Integrated Urban Design							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course offers a better understanding of how the real estate market works. The course emphasis on the supply and demand of land for economic use; the nature and significance of economic rent; real-estate prices and allocation of resources. The various dimensions of land economy (housing, offices, retail, and property valuation) will also be examined in terms of market comparison and replacement cost approaches, operation of real estate markets, land development and investment costs, economic meaning of land conservation; conservation of real estate.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to economics of land uses	**2**
2	The supply and demand of land for economic use	**2**
3	The nature and significance of economic rent	**2**
4	Real-estate prices and allocation of resources	**2**
5	Market comparison and replacement cost approaches	**2**
6	The various dimensions of land economy: Housing, offices	**2**
7	The various dimensions of land economy: Retail and property valuation	**2**
8	Operation of real estate markets	**2**
9	Land development and investment costs	**2**
10	Economic meaning of land conservation	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Gaddy, Jr. and Hart, R. (2019). Real estate fundamentals. DF Institute.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Fischel, W. (2015). Zoning Rules!. Lincoln Institute of Land Policy. Lincoln Institute of Land Policy.
	Brueggeman, W. and Fisher, J. (2021). Real Estate Finance and Investments. McGraw-Hill
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

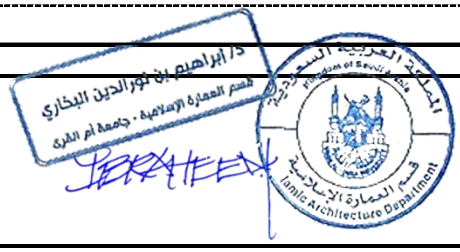
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Ecotourism Planning**
Code:	**ARC 4442**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD44 ** Elective Course 2: Urban Design

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4035 Graduation Project Studio 1: Integrated Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

While the incursion of Mass-Tourism has been a serious threat to the sensitive Ecosystem, following the principles of Ecotourism may allow the natural landscape and built heritage to be better maintained and respected than it used to be. This can be achieved through Ecolodge planning. Using sustainable practices and the preservation of local culture and traditions are all important considerations of Ecolodge concept. Therefore, this course introduces students to the principles of Ecotourism planning and Ecolodge.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Tourism: Concept and typology	**2**
2	Cultural / heritage tourism	**2**
3	The impact of tourism on the environment and urbanization	**2**
4	The impact of tourism on the economy and the local community	**2**
5	The concept of tourism development	**2**
6	Ecotourism principles	**2**
7	Ecolodges principles	**2**
8	Inspirational Ecolodge ideas for Ecotourism accommodation - Part 1	**2**
9	Inspirational Ecolodge ideas for Ecotourism accommodation - Part 2	**2**
10	Inspirational Ecolodge ideas for Ecotourism accommodation - Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Mehta, H. (2002). International ecolodge guidelines. The International Ecotourism Society.
	Wood, M. (2002). Ecotourism: Principles, Practices and Policies for Sustainability. UNEP.
Essential References Materials	Ballantyne, R., & Packer, J. (2013). International handbook on ecotourism. Edward Elgar Publishing.
	Skinner, H., & Medway, D. (2017). Responsible Tourism and Place Making. Emerald Publishing.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

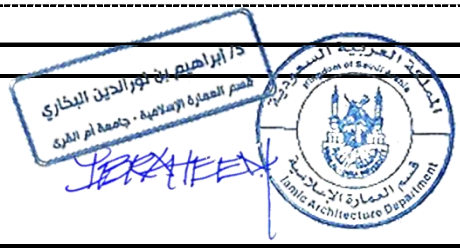
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Selected Topics in Urban Design**
Code:	**ARC 4443**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Design)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UD45 ** Elective Course 2: Urban Design

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4035 Graduation Project Studio 1: Integrated Urban Design

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. It covers various topics concerning urban design aspects such as, the impact of human settlement on ecosystems in cities, perceptional boundaries of the city, water front, and restorative cities.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Syllabus varies on yearly basis	**2**
3	Syllabus varies on yearly basis	**2**
4	Syllabus varies on yearly basis	**2**
5	Syllabus varies on yearly basis	**2**
6	Syllabus varies on yearly basis	**2**
7	Syllabus varies on yearly basis	**2**
8	Syllabus varies on yearly basis	**2**
9	Analysis of case studies	**2**
10	Analysis of case studies	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Rahb, R. (2021). Contemporary Approaches in Urbanism and Heritage Studies. Cinius Yay?nlar?. Roggema, R. (2018). Contemporary Urban Design Thinking. Springer.
Essential References Materials	Despommier, D. (2010). The vertical farm. St. Martin's.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

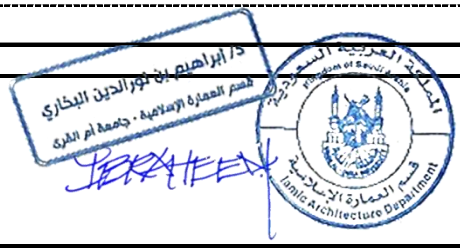
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





جامعة أم القرى
UMM AL-QURA UNIVERSITY

College of Engineering and Islamic Architecture
Department of Islamic Architecture

1444

Bachelor of
ARCHITECTURE AND PLANNING PROGRAM

برنامج بكالوريوس
العمارة والتخطيط

عمارة
تصميم حضري
تخطيط عمراني

Architecture
Urban Design
Urban Planning

Contents:

1. Program Definition
2. Program Specifications
3. Course Specifications
   - 3.1 Unified Courses
   - 3.2 Architecture Courses
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   - 3.4 Urban Planning Courses
4. Summary

Urban Planning

Track

مسار
التخطيط العمراني

3.4

Level
(10)

Course Specifications

Course Title:	**Urban Planning Studio 1: Neighborhood**
Code:	**ARC 3051**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

ARC 1110 Introduction to Urban Planning Studio

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

The aim of the studio is to introduce students to the design problems at neighborhood level. The project involves land subdivision, neighborhood planning and architectural residential design. At the same time, the project explores the relationship between the physical environment, the socio-cultural aspect, and the nature of urban design process. The project contains about (2-4) clusters, with a population size ranging between (3000 - 6000) people.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project and a general review about neighborhood	**10**
2	Data collection to understand problems	**10**
3	Analyzing the collected data to reach the main objectives	**10**
4	Developing alternatives - Part 1	**10**
5	Developing alternatives - Part 2	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Detailed urban design of the neighboring center	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Krier, R. (1993). Urban Space. Rizzoli.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
	وزارة الشئون البلدية والقروية. (2016). المعايير التخطيطية للخدمات العامة الإقليمية والمحلية ومستوياتها المختلفة.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

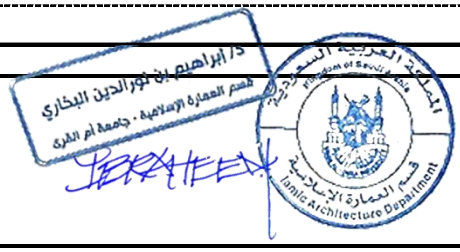
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Spatial Analysis Studio.**
Code:	**ARC 3151**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP2

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **3** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course enables students to examine the form, appearance, and composition of a city-an evaluation of its assets and liabilities. It also enables students to see where the city needs reshaping. The studio deals with different scales-a neighborhood, the center, a suburban area, or a small group of buildings.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Analyze data from a variety of sources. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.3	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Vocabulary of urban form	**6**
2	Analysis of shape, size and density	**6**
3	Analysis of Landform and nature	**6**
4	Analysis of Pattern, Grain, Texture and Skyline	**6**
5	Analysis of local climate	**6**
6	Analysis of urban spaces and open spaces	**6**
7	Analysis of routes, local streets and pedestrian areas	**6**
8	Analysis of districts, landmarks, nodes and edges	**6**
9	Analysis of activity structure	**6**
10	Analysis of nonphysical aspects	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)		
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)		
2.2	Effectively employ digital skills in different stages of designing the built environment. (S1-j)		
2.3	Analyze data from a variety of sources. (S3-b)		
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill. Lynch, K. (1979). The image of the city. MIT Pr.
Essential References Materials	Moughtin, C. (2016). Urban Design: Street and Square. Routledge. Butler, K. (2012). Planning and Urban Design Standards. Wiley. ?
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

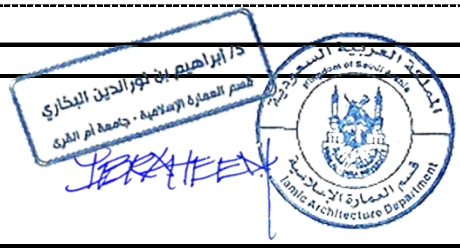
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Urban Information Systems.**
Code:	**ARC 3251**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP3

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is designed to introduce the basic principles of Geographic Information Systems (GIS). The focus is to develop an appreciation of how this technology may be applied to help the tasks of planners in the profession. The students will learn not only the theoretical background but also practical applications. The course content includes methods of data entry and editing, simple data analysis and visualization, and preparation of map layouts.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of various ways of representing the built environment. Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	GIS software interface	**4**
2	Geospatial data, Georeferenced and Geo Databases	**4**
3	Data entry in GIS - Vector Data	**4**
4	Data entry in GIS - Raster Data	**4**
5	Editing with Aerial photo	**4**
6	Editing geographic data - Part 1	**4**
7	Editing geographic data - Part 2	**4**
8	Visualization data and Symbology - Part 1	**4**
9	Visualization data and Symbology - Part 2	**4**
10	Preparation of map layouts	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)		
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)		
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)		
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Computer-based Assignments)	1 to 10	40%
2	Continuous Assessment (Computer-based Assignments)	5	20%
3	Continuous Assessment (Computer-based Assignments)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Corbin, T. (2020). Learning ArcGIS Pro 2 - Second Edition. Packt Publishing.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector Internet connection Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

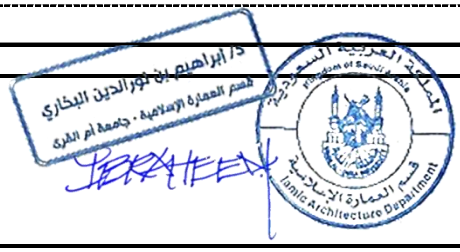
Evaluation Areas / Issues	Evaluators	Eval. Methods
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Extent of achievement of CLOs	Students	Indirect (Questionnaire)
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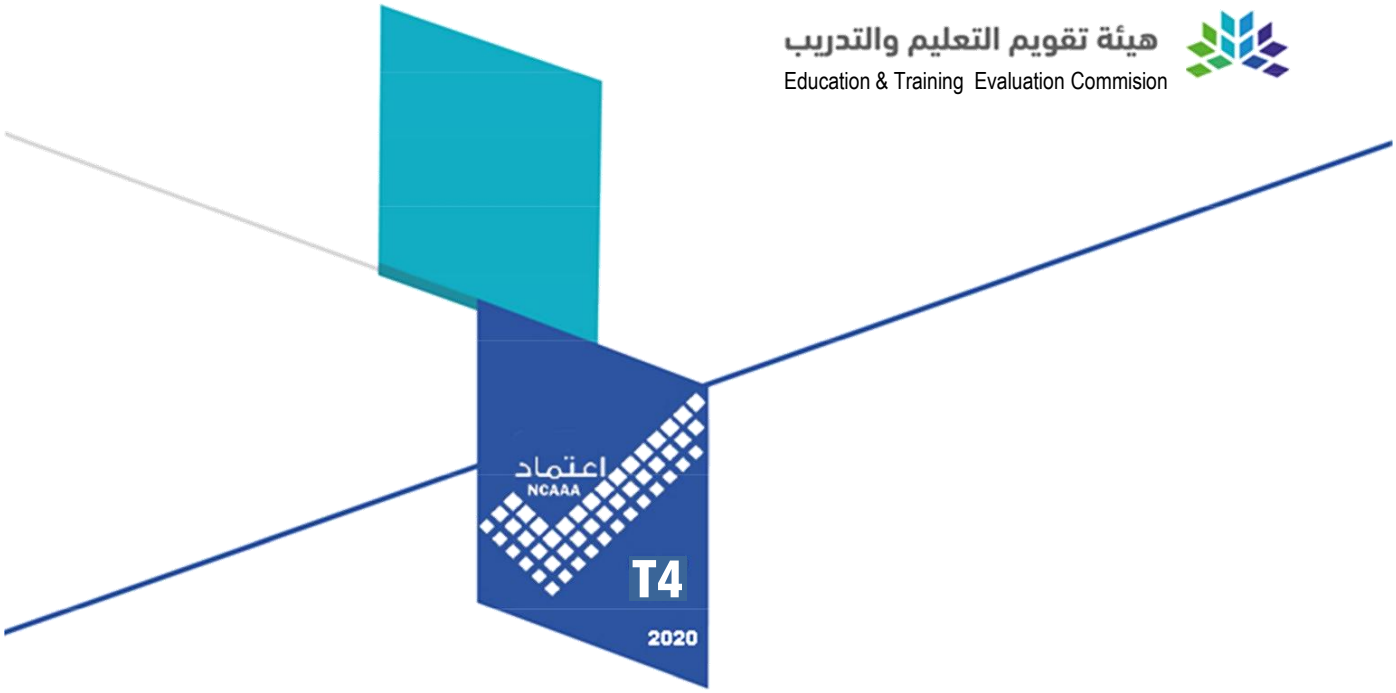
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Urban Planning Theories**
Code:	**ARC 3351**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP4

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

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3. Course Learning Outcomes 4

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D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course places emphasis on theories of urban planning in the twentieth century and beyond. The course ends up with in details explanations of the planning concept of the neighborhood and its elements (planning concept, roads network, services centers, etc.)

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Apply the knowledge of historical, social and cultural references in the design of the built environment. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Apply the knowledge of historical, social and cultural references in the design of the built environment. (S1-f)	**S1**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Movements of urban planning: City Beautiful, Practical, Social movements	**2**
2	Garden city movement	**2**
3	Modernism	**2**
4	New urbanism - Part 1	**2**
5	New urbanism - Part 2	**2**
6	Urban renewal theory	**2**
7	Neighborhood Planning Theory: Concepts	**2**
8	Neighborhood Planning Elements	**2**
9	Neighborhood Planning Elements	**2**
10	Neighborhood services centers planning	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Apply the knowledge of historical, social and cultural references in the design of the built environment. (S1-f)	Direct Learning (Lecture)	Written Exam
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	عارف، ح. (1991). تخطيط وتنظيم المدن بين النظرية والتطبيق. جامعة الاسكندرية.
	Corbusier, L. (2013). The City of Tomorrow and Its Planning. Dover Publications.
Essential References Materials	Couch, C. (2016). Urban planning: an Introduction. Macmillan.
	Berke, P. and Godschalk, D. (2006). Urban Land Use Planning. University of Illinois Press.
	Hack, G., Birch, E., & Sedway, P. (2014). Local Planning. ICMA.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

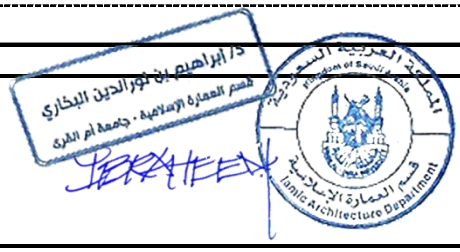
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Advanced studies in Landscape Architecture.**
Code:	**ARC 3352**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP5

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **10**

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is considered as a continuation of "Introduction to Landscape Architecture" course and is an introduction to "Landscape Studio". This course includes various topics such as site analysis and assessment, site utilities, and special landscape conditions.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Demonstrate an understanding of various types of infrastructure systems. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Site analysis and assessment	**2**
2	Pedestrian circulation	**2**
3	Bicycle circulation	**2**
4	Vehicular circulation	**2**
5	Site grading and stormwater management	**2**
6	Site utilities: Water supply	**2**
7	Site utilities: Sewage disposal	**2**
8	Site utilities: Recreational water bodies and Irrigation	**2**
9	Special conditions: Roof and deck landscapes	**2**
10	Special conditions: Sound control	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)		
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)		
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)		
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
	Allen, E., Ryan, T., & Rand, P. (2013). Detailing for landscape architects. Wiley.
Essential References Materials	Shehata, A. (2021). Design of Outdoor Spaces. Universal Publishing Ltd.
	Littlewood, M. (2012). Landscape Detailing Volume 1. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 2. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 3. Taylor and Francis.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

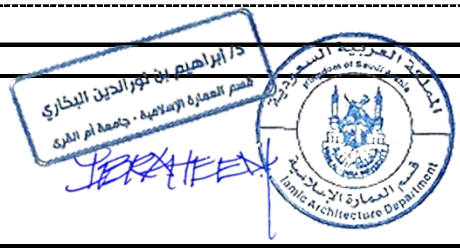
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Housing.**
Code:	**ARC 3353**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP6

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**10**	

4. Pre-requisites for this course (if any)**:**

ARC 1008 Architectural Design Studio 5: Long Spans

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course deals with the definitions, concepts and issues related to housing such as: shelter, housing, population, area density, etc. Furthermore, it discusses types of housing, factors that affect the design of the housing, criteria and design considerations, as well as its problems and solutions. At the end, the course focuses on planning of neighborhood residential areas.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Explain the impact of different aspects on the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Definitions of housing	**2**
2	Types of housing	**2**
3	Housing and sustainable living	**2**
4	Housing requirements: Social and economic requirements	**2**
5	Housing requirements: environmental and urban requirements	**2**
6	Criteria and design considerations	**2**
7	Housing site Analysis	**2**
8	Housing problems and solutions	**2**
9	Concept of the Neighborhood	**2**
10	Neighborhood services and its road network	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)		
1.2	Explain the impact of different aspects on the built environment. (K1-h)		
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)		
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
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***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Clark. W. (2021). Advanced Introduction to Housing Studies. Edward Elgar Publishing.
	Firley, E. and Deupi, V. (2022). The Urban Housing Handbook. Wiley.
Essential References Materials	Towers, G. (2015). An introduction to urban housing design. Routledge.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
	Kliment, S., & Chandler, R. (2010). Building type basics for housing. John Wiley & Sons.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

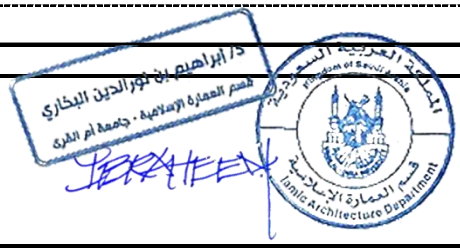
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Quality of learning resources	Students	Indirect	(Questionnaire)
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Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

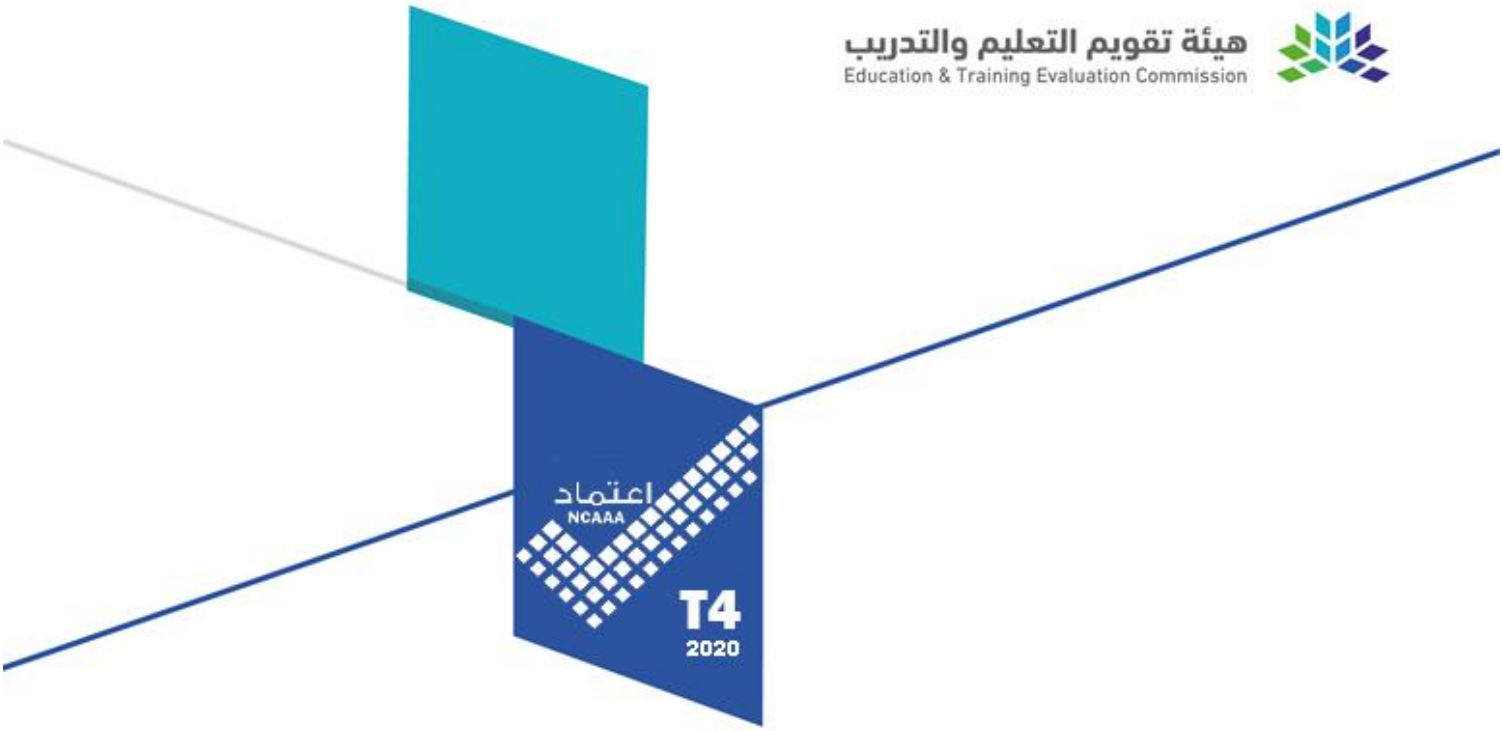
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن الكريم (3)
رمز المقرر:	**(QR3103)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 5

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 5
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 6

و – مصادر التعلم والمرافق: 6

1. قائمة مصادر التعلم: 6
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 7

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الثالثة.

4. المتطلبات السابقة لهذا المقرر:

القرآن الكريم (2)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)، للاستذكار	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم: من سورة الجن إلى سورة المرسلات.
2. تلاوة ثلاثة أجزاء: من سورة الأحزاب إلى سورة الشعراء.
3. دراسة أحكام التَّجويد.
4. شرح غريب الكلمات: من سورة الجن إلى سورة المرسلات.

2. الهدف الرئيس للمقرر

تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله -عزَّ وجلَّ-، وفق طرق الأداء المعتبرة، مع حفظ حزب واحدٍ من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي، وتصحيح تلاوة سورة الجن من 1 إلى 13 مع التَّكليف بحفظها مع شرح غريب القرآن.	2
2	تسميع سورة الجن من 1 إلى 13، تصحيح تلاوة بقية سورة الجن 14 إلى 28 مع التَّكليف بحفظها، مع شرح غريب القرآن، وتلاوة سورة الشعراء.	2
3	تسميع سورة الجن 14 إلى 28، تصحيح تلاوة سورة المزمل كاملة مع التَّكليف بحفظها. مع شرح غريب القرآن، تلاوة سورة النمل، شرح درس التجويد (الوقف والابتداء)	2
4	تسميع سورة المزمل كاملة، تصحيح تلاوة سورة المدثر من 1إلى 31 مع التَّكليف بحفظهما، مع شرح غريب القرآن، تلاوة سورة القصص.	2
5	تسميع سورة المدثر من 1إلى 31، تصحيح تلاوة سورة المدثر 32 إلى 56 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة العنكبوت، شرح درس التجويد (السكتات المتفق عليها والمختلف فيها).	2
6	تسميع سورة المدثر 32 إلى 56، تصحيح تلاوة سورة القيامة كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الروم.	2
7	تسميع سورة القيامة كاملة، تصحيح تلاوة سورة الإنسان كاملة مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة لقمان، شرح درس التجويد (الألفات السبع الثابتة وقفاً، والمحذوفة وصلاً).	2
8	تسميع سورة الإنسان كاملة، تصحيح تلاوة سورة المرسلات مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة السجدة.	2
9	تسميع سورة المرسلات من 1 إلى 34، تلاوة سورة الأحزاب.	2

10	تسميع سورة المرسلات من 35 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	**المشاركة وحفظ الآيات وتلاوتها**	مستمر	%20
2	**الاختبار النصفي**	السادس	%20
3	**الاختبار النهائي**	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

– ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
– مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلِّيَّة.
– مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
– إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
–تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
–إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
–توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
–المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	–القرآن الكريم. – الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. – التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	–قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم

مجالات التقويم	المقيمون	طرق التقييم
تقـــويم فاعليَّـــة اســـتراتيجيات التَّـــدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر	مباشـــر: الـــزِّيارة للفصـــل وتقريـــر فاعليَّـــة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غـير مباشـر: اسـتبانة تقيـيم المقـرَّر المتاحـة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Planning Studio2: Residential District**
Code:	**ARC 3052**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **5** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **11**

4. Pre-requisites for this course (if any)**:**

ARC 3051 Urban Planning Studio 1: Neighborhood

ARC 3333 Housing

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

Residential district planning plays a very important part during the development process of the city. The aim of this studio is to introduce students to the design problems at residential district level. The project explores the relationship between the physical environment, the socio-cultural aspect, and the nature of urban planning process. The project contains about (3-5) neighborhoods, with a population size ranging between (10000 - 30000) people.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Explain the impact of different aspects on the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project	**10**
2	Data collection and analyzing	**10**
3	Developing alternatives - Part 1	**10**
4	Developing alternatives - Part 2	**10**
5	Developing alternatives - Part 3	**10**
6	Evaluating the alternatives based on assessment criteria	**10**
7	Development of various aspects of the selected alternative - Part 1	**10**
8	Development of various aspects of the selected alternative - Part 2	**10**
9	Development of various aspects of the selected alternative - Part 3	**10**
10	Development of various aspects of the selected alternative - Part 4	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Explain the impact of different aspects on the built environment. (K1-h)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge.
Essential References Materials	Krier, R. (1993). Urban Space. Rizzoli.
	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
	وزارة الشئون البلدية والقروية. (2016). المعايير التخطيطية للخدمات العامة الإقليمية والمحلية ومستوياتها المختلفة
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

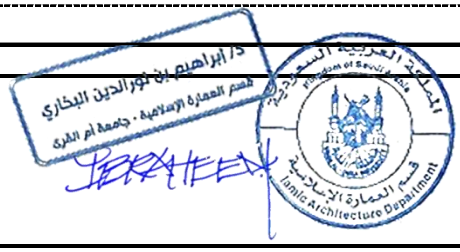
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Landscape Architecture Studio.**
Code:	**ARC 3152**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	

4. Pre-requisites for this course (if any)**:**

ARC 3051 Urban Planning Studio 1: Neighborhood

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This course aims at developing a landscape project at an urban scale based on a real subject chosen by the coordinator. The students should apply all skills and knowledge to create the convenient and creative projects. Simultaneously, the studio previews the execution of hard and soft-scape elements along with different design stages. Furtherer, it introduces an introduction to writing the landscape specifications.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**6**
2	Existing condition analysis and demolition plan (if any)	**6**
3	Layout and materials plan	**6**
4	Layout and materials plan	**6**
5	Grading and drainage plan	**6**
6	Road profiles and sections	**6**
7	Plan enlargements	**6**
8	Site sections	**6**
9	Landscape details	**6**
10	Written landscape specifications	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)		
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)		
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)		
2.2	Create innovative concepts and forms for the built environment. (S1-c)		
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)		
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)		
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Oral presentations, Assignments, etc.)	1 to 10	70%
2	Continuous Assessment (Oral presentations, Assignments, etc.)	5	10%
3	Continuous Assessment (Oral presentations, Assignments, etc.)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dines, N., & Brown, K. (2002). Time-saver standards for landscape architecture. McGraw-Hill.
	Allen, E., Ryan, T., & Rand, P. (2013). Detailing for landscape architects. Wiley.
Essential References Materials	Shehata, A. (2021). Design of Outdoor Spaces. Universal Publishing Ltd.
	Littlewood, M. (2012). Landscape Detailing Volume 1. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 2. Taylor and Francis.
	Littlewood, M. (2012). Landscape Detailing Volume 3. Taylor and Francis.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

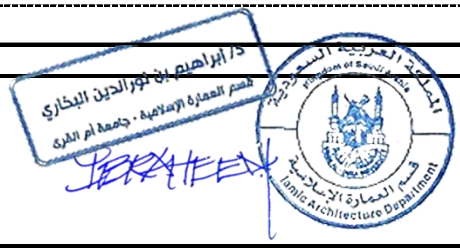
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Advanced Urban Information Systems**
Code:	**ARC 3252**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP10

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	

4. Pre-requisites for this course (if any)**:**

ARC 3231 Urban Information Systems

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is designed to build on the expertise gained by the students in the prerequisite course and enhance their skills in applying Geographic Information Systems for urban and regional planning projects. The course introduces the concepts of Global Positioning System. Furthermore, a comprehensive set of spatial analysis tools are introduced to allow exploring and analyzing spatial data and to find solutions to spatial problems and modeling urban phenomenon. The course also provides general concepts of network analysis and the application of such tools in regional and urban planning. The course introduces basic techniques of estimating spatial data through interpolation and the concepts of 3D GIS.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of various ways of representing the built environment. Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	**K1**
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Global Positioning System	**4**
2	Spatial analysis tools - Part 1	**4**
3	Spatial analysis tools - Part 2	**4**
4	Spatial analysis tools - Part 3	**4**
5	Network analysis - Part 1	**4**
6	Network analysis - Part 2	**4**
7	Network analysis - Part 3	**4**
8	An overview of the Interpolation toolset	**4**
9	3D GIS - Part 1	**4**
10	3D GIS - Part 2	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of various ways of representing the built environment. (K1-d)	Direct Learning (Lecture)	Computer-based Exam
1.2	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Computer-based Assignments, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Computer-based Exam)	5	20%
3	Final Exam (Computer-based Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Corbin, T. (2020). Learning ArcGIS Pro 2 - Second Edition. Packt Publishing.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector Internet connection Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

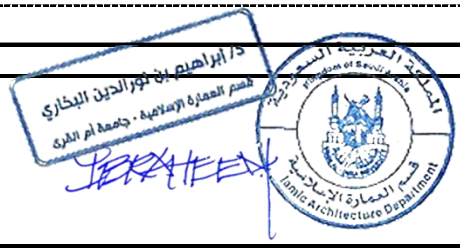
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Transportation Planning**
Code:	**ARC 3354**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP11

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	

4. Pre-requisites for this course (if any)**:**

ARC 3051 Urban Planning Studio 1: Neighborhood

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on transportation land use and urban built environment relationships. It includes analytical methods and planning criteria necessary to plan and design urban transportation, forecast origins and destinations, transport modes, traffic generation, road hierarchies and capacity, distribution criteria, pedestrian movement, and parking design.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Intorduction of Transportation Planning	**2**
2	History of Transportaion	**2**
3	Transport modes	**2**
4	Transportaion planning criteria	**2**
5	Forecast origins and destinations	**2**
6	traffic generation	**2**
7	Road hierarchies and capacity	**2**
8	Land use distribution criteria	**2**
9	Pedestrian movement	**2**
10	Parking design	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Meyer, M. (2016). Transportation Planning Handbook. Wiley. Deakin, E. (2019). Transportation, land use, and environmental planning. Elsevier.
Essential References Materials	Black, J. (2018). Urban transport planning: Theory and practice. Routledge. Morimoto, A. (2022). City and transportation planning. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

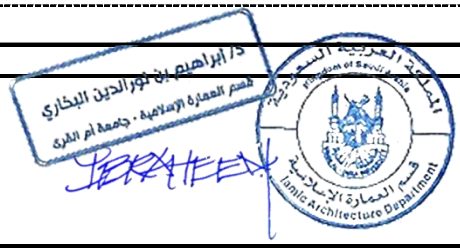
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Service Facilities**
Code:	**ARC 3355**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP12

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A. Course Identification 3

B. Course Objectives and Learning Outcomes 3

1. Course Description 3

2. Course Main Objective 3

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C. Course Content 4

D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**11**	

4. Pre-requisites for this course (if any)**:**

ARC 3051 Urban Planning Studio 1: Neighborhood

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Service facilities are defined as institutional responses to basic human needs, such as health, education, safety, recreation, and worship. Service facilities contribute to the quality of life for both individuals and groups in the community. They provide convenient and efficient services, a sense of identity, and define the visual character of the city. This course provides policies and criteria of various types of service facilities, their relationship to one another, and their location to serve the needs and desires of the community.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Religion planning considerations	**2**
2	Educational services considerations - Part 1	**2**
3	Educational services considerations - Part 2	**2**
4	Cultural and social services considerations	**2**
5	Healthcare services considerations	**2**
6	Security services considerations	**2**
7	Recreational and sports services considerations	**2**
8	Industrial considerations	**2**
9	Administrative and commercial services considerations	**2**
10	Methods for calculating population and densities	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

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c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	وزارة الشئون البلدية والقروية. (2016). المعايير التخطيطية للخدمات العامة الإقليمية والمحلية ومستوياتها المختلفة. Butler, K. (2012). Planning and Urban Design Standards. Wiley.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:

توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٣)
رمز المقرر:	ICC3203
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

ب- هدف المقرر ومخرجاته التعليمية: ٣

١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

د. التدريس والتقييم: ٥

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٥

٢. أنشطة تقييم الطلبة ٦

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: ٦

و – مصادر التعلم والمرافق: ٦

١. قائمة مصادر التعلم: ٦

٢. المرافق والتجهيزات المطلوبة: ٧

ز. تقويم جودة المقرر: ٧

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:
٢. نوع المقرر أ. متطلب جامعة ☐ متطلب كلية ☐ متطلب قسم ☐ أخرى ب. إجباري ☐ اختياري
٣. السنة / المستوى الذي يقدم فيه المقرر
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) **ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١**
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية يبين فيها أهمية الأسرة والمجتمع، من حيث مفهومها، ومكانتها، ومقاصد بنائها، وهدي الإسلام في حل المشكلات والتعامل معها، وكما يقدم دراسة تحليلية لأسرتي خليلي الرحمن: إبراهيم ومحمد عليهما الصلاة والسلام.

٢. الهدف الرئيس للمقرر:

- التعرف على أهمية الأسرة ومكانتها.
- إدراك وسطية الإسلام في تعزيز قيمة الأسرة والمجتمع.
- بيان مراعاة الشريعة لحفظ الضرورات الخمس.
- تعريف الطالب بمسؤوليته تجاه مجتمعه.
- التعريف بأسرة إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم.

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعرّف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.2	يعدد النظم الإسلامية ومقاصدها ومصادرها وخصائصها	
1.3	يشرح بنظام الأسرة في الإسلام وأهم الشبه المثارة عليه	
1.4	يستعرض مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	
1.4	يقدم شرحا عن تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	
2	**المهارات**	
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	
2.2	يقارن بين النظام الاقتصادي في الإسلام والأنظمة الوضعية	
2.3	حرر مذهب السلف في تحريم الخروج على أئمة المسلمين	
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	
3	**القيم**	
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	
3.2	يكون عالقات ناجحة داخل الجامعة وخارجها	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مفهوم الأسرة، وأهميتها، ومقاصدها:** يدرس الطالب في هذه المفردة مفهوم الأسرة، وأهميتها، ومقاصد بنائها من حيث كونها اللبنة الأولى التي تنشأ فيها الأجيال.	٢
٢	**مراحل تكوين الأسرة:** تتطرق هذه المفردة إلى يان مراحل تكوين الأسرة، من فترة البدء في فكرة الزواج ، وحتى تكوين الأسرة بأفرادها: من زوج وزوجة وأبناء	٢
٣	**الواجبات والحقوق بين الزوجين:** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين الزوجين، سواء الحقوق المفردة أو المشتركة بينهما. **الواجبات والحقوق بين أفراد الأسرة (الإباء، الأبناء، الأرحام):** يدرس الطالب في هذه المفردة التعريف بأهم الواجبات والحقوق بين أفراد الأسرة الواحدة: حقوق الآباء على الأبناء، وحقوق الأبناء على الآباء، والحقوق بين الأقارب والأرحام.	٢
٤	**الخلافات الأسرية، ومنهج الإسلام في التعامل معها:** في هذه المفردة سيتعلم الطالب منهج الإسلام في بناء الأسرة المسلمة، وعلاج الخلافات الأسرية وفق المنهج الرباني.	٢
٥	**المجتمع: مفهومه، مقاصده، سننه:** تتطرق هذه المفردة إلى التعريف بالمجتمع، وخصائصه، والمقاصد الشرعية للاجتماع، والهدي الشرعي في الاجتماع. **الفروض الكفائية والمسؤولية المجتمعية:** يدرس الطالب في هذه المفردة الفروض الكفائية، وعلاقتها بالمجتمع، وتعريفها، وبيان أنواعها، وفضائلها، وأمثلة عليها كمساعدة الفقراء والمساكين، والإحسان إلى الآخرين.. ونحوها.	٢
٦	**الضرورات الخمس: مفهومها، أهميتها، آثارها:** يدرس الطالب في هذه المفردة مفهوم المحافظة على الضرورات الخمس: الدين، والنفس، والعقل، والعِرض، والمال، وأهميتها، وأثارها الإيجابية على المجتمع.	٢
٧	**نظام الثواب والعقاب وأثره على الفرد والأسرة والمجتمع:** يدرس الطالب في هذه المفردة ما جاءت به الشريعة الإسلامية من نظام الثواب والعقاب، وبيان أثره على الأمن المجتمعي.	٢

٨	**المشكلات الاجتماعية: مظاهرها، علاجها:** تتطرق هذه المفردة إلى المشكلات الاجتماعية، من حيث: تعريفها، وأمثلة عليها، ومظاهرها، وطرق الوقاية والعلاج.	٢
٩	**دراسة تحليلية لأسرة خليل الرحمن إبراهيم عليه السلام، دراسة تحليلية لأسرة النبي محمد ﷺ:** تعنى هاتان المفردتان بدراسة تحليلية لسيرة خليلي الرحمن إبراهيم عليه السلام، ومحمد صلى الله عليه وسلم، ونماذج من سيرتهم الأسرية، كقصة إبراهيم عليه الصلاة والسلام مع ساره وهاجر، ومع إسماعيل عليه السلام، وبناء الكعبة. كذلك قصة حادثة الإفك التي حدثت لبيت النبي صلى الله عليه وسلم. كما تتطرق المفردة إلى كيفية تحليل النص وتطبيقه في حياته الأسرية والاجتماعية.	٢
١٠	**دراسة تحليلية لمجتمع النبي ﷺ في المدينة:** يدرس الطالب في هذه المفردة مجتمع النبي صلى الله عليه وسلم، ومكوناته، ويتعرف على خصائص مجتمع الصحابة رضي الله عنهم.	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يتعرف على النظم الإسلامية ومقاصدها ومصادرها وخصائصها	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. أوراق عمل
1.2	يلم بنظام الأسرة في الإسلام وأهم الشبه المثارة عيه	التعلم الذاتي المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية عرض البحوث والمناقشة
1.3	يحدد مفهوم النظام الاقتصادي الإسلامي وأهم مبادئه	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. أوراق عمل
1.4	يذكر تعريف النظام السياسي في الإسلام وأصوله وحقوق الراعي والرعية	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يشرح أهم الشبه المثارة على نظام الأسرة في الإسلام وكيفية الرد عليها	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	تقييم الأبحاث وأوراق العمل
2.2	يقارن بين النظام الاقتصادي فري الإسلام الأنظمة الوضعية	ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكوين ملكة النقد واستخدام أسلوب المقارنة	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحرر مذهب السلف في تحريم الخروج على أئمة المسلمين	التعليم التعاوني الطريقة الاستقرائية	الملاحظة المباشرة والتقييم الجماعي تقييم أبحاث

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
2.4	يفرق بين الحدود والتعازير وقوانين العقوبات الوضعية	التعلم الذاتي التكليف بواجبات	تقييم الأبحاث
3.0	**القيم**		
3.1	يشارك زملاءه في الأعمال والتكاليف الجماعية باستقلال ومسؤولية	التعلم التعاوني الحوار والمناقشة	الملاحظة المستمرة وتقويم الأداء
3.2	يكون علاقات ناجحة داخل الجامعة وخارجها	التعلم التعاوني	الملاحظة المستمرة والتقييم الجما عي
3.3	يتمثل القيم الأخلاق الإسلامية الحميدة	التعليم التعاوني من خلال التكليف بواجبات وأبحاث وأنشطة جماعية التعليم على بناء الشخصية القدوة	الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	%٦٠
٢	التقويم المستمر	كل أسابيع الدراسة	%١٠
٣	عرض البحوث والمناقشة	التاسع	%١٥
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	%١٥

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	زاد المعاد في هدي خير العباد لابن القيم.
المراجع المساندة	١- السيرة النبوية لابن هشام. ٢- كتاب النكاح من خلال كتب السنة وشروحها. ٣- تحفة المودود بأحكام المولود لابن قيم الجوزية.
المصادر الإلكترونية	المكتبة الرقمية السعودية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، إدارة القسم، لجنة الجودة	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

اعتماد NCAAA
T4 2020

توصيف المقرر الدراسي

اسم المقرر:	الكتابة والتحرير العربي
رمز المقرر:	ARS1601
البرنامج:	يقدم لجميع طلبة الجامعة
القسم العلمي:	قسم اللغة والنحو والصرف
الكلية:	اللغة العربية وآدابها
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 4

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 4
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلبةي: 5

و – مصادر التعلم والمرافق: 5

1. قائمة مصادر التعلم: 5
2. المرافق والتجهيزات المطلوبة: 5

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 6

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: 2 ساعة
2. نوع المقرر أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐ ب. إجباري ☑ اختياري ☐
3. السنة / المستوى الذي يقدم فيه المقرر: العام الأول
4. المتطلبات السابقة لهذا المقرر (إن وجدت) **لا يوجد**
5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20
2	معمل أو إستوديو	-
3	دروس إضافية	-
4	أخرى (تذكر) الساعات المكتبية	-
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

هذا المقرر أحد متطلبات جامعة أم القرى يدرسه جميع طلبة الجامعة وهو أحد مقررات الهوية العربية للجامعة ولطلبتها التي تحرص الجامعة على إبرازها ضمن رؤيتها ونقاط تميزها بين الجامعات.

2. الهدف الرئيس للمقرر

يهدف هذا المقرر إلى تمكين الطلبة من مهارات الكتابة اللغوية السليمة، مستعملين قواعد الرسم وعلامات الترقيم، ومتمكّنين من قواعد اللغة والصرف والنحو والمعجم، ومعبّرين تعبيرًا صحيحًا، مع قوّة الإقناع وغزارة الألفاظ، متجنّبين الأخطاء اللغويّة الشائعة، كما يمكّنهم من مهارات القراءة والفهم واستيعاب المقروء وتلخيصه.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	المعرفة والفهم	
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	
2	المهارات	
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	
3	القيم	

رمز مخرج التعلم المرتبط للبرنامج	مخرجات التعلم للمقرر	
	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	3.1
	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	3.2

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	أهمّيّة السّلامة اللّغويّة في كتابتنا، التمكّن من قواعد الرّسم الكتابيّ (الهمزة – الألف المتطرّفة) – علامات الترقيم، كتابة الأعداد بالحروف.	2
2	التعبير الصحيح في الكتابة للتعبير عن العدد والجنس والتعريف والتنكير والفاعلية والمفعولية والتكثير والمبالغة.	2
3	اتّقان تركيب الجملة العربيّة (أنواع الجمل – سمات الجملة الصّحيحة – القواعد الوظيفيّة- أدوات الرّبط).	2
4	تجويد الأساليب الكتابيّة: (مثل: الأمر – النّهي – النّفي - التّوكيد – النّداء – الاستفهام ...)	2
5	تنمية الثّروة اللّفظيّة وتوظيفها في الكتابة – الإفادة من المعجم العربيّ بنوعيه (المعاني والألفاظ)	2
6	الأخطاء الكتابيّة الشّائعة (إملائيّة – صرفيّة – نحويّة – أسلوبيّة)	2
7	الكتابة الوظيفية، وأنواعها: (الطلبات الإدارية، السيرة الذاتية، التقرير، الموجز التفصيلي، محضر الاجتماع) مع نماذج تطبيقيّة.	2
8	اختبار دوري تطبيقي: ضبط نصوص لغوية وإعادة كتابتها مضبوطة بالشكل مع استخدام علامات الترقيم المناسبة.	2
9	أنواع القراءة وأهمية كل نوع منها. ومهارة القراءة الجهرية وتمييز الأخطاء من خلال قراءة نصوص مختارة.	2
10	مهارة الفهم وتلخيص المقروء من خلال نماذج تطبيقية من نصوص مختارة.	2
	المجموع	20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	المعرفة والفهم		
1.1	أن يذكر الطلبة القواعد الأساسية للجملتين الاسمية والفعلية ورسم ألف الوصل والقطع والهمزة المتوسطة والمتطرفة، وعلامات الترقيم. وأنواع الكتابة الوظيفية والإقناعية.	المحاضرة مع النماذج التطبيقية	المناقشة والحوار
1.2	أن يحدد الطلبة أنواع القراءة وخصائص كل منها وأشكال الخطأ اللغوي الشائعة حسب المستوى الصوتي والصرفي والتركيبي والمعجمي.	المناقشة والتحليل وتصميم الخرائط المفاهيمية	الاختبار النهائي
2	المهارات		
2.1	أن يقارن الطلبة بين الأنماط الوظيفية مثل المقالة والتقرير والتلخيص والسيرة الذاتية والمذكرات.	المحاضرة والتكليفات	تكليفات وواجبات
2.2	أن يصوب الطلبة كتابة وقراءة الأخطاء اللغوية من خلال نصوص لغوية مختارة.	التكليفات مع الحوار والمناقشة	الحوار والمناقشة
3	القيم		
3.1	أن يظهر الطلبة القدرة على العمل مع زملائه ضمن فريق عمل لتصويب نصوص لغوية	التعلم التعاوني	الملاحظة والاستماع
3.2	أن يتعاون الطلبة فيما بينهم لأداء عرض تمثيلي حواري يظهر مهارتهم على استعمال اللغة صحيحة.	التعلم التعاوني	الملاحظة والحوار مع تصميم بطاقة ملاحظة للتقويم

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	الاختبار النصفي	السادس	10
2	الاختبار الدوري التطبيقي	الثامن	5
3	الواجبات والأنشطة الصفية (مثل الملخصات- التقارير- نماذج من التكليفات)	على مدار الفصل	5
4	الاختبار النهائي		60
	الإجمالي		100% من الدرجة الكلية

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

أ- تشجيع الطلبة على التواصل مع عضو هيئة التدريس في مكتبه، وعبر الإنترنت للإجابة عن استفساراتهم، والمشاكل التي تعترض سبيل استيعابهم للمقرر.

ج- تخصيص ساعات إضافية لمساعدة الضعيف من الطلبة، ورعاية الموهوبين منهم.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	المساعد في المهارات اللغوية أ.د/ رياض الخوام.
المراجع المساندة	-فن التحرير العربي ضوابطه وأنماطه. د/ محمد صالح الشنطي. - فنون الكتابة ومهارات التحرير العربي. د/ كمال زعفر علي. -فن الكتابة والتعبير. د/ محمد علي أبو حمدة. - أساسيات التحرير وفن الكتابة بالعربية، د/ حسين المناصرة ورفيقيه. - معجم الأخطاء الشائعة، محمد العدناني. - معجم أخطاء الكتَّاب، صلاح الدين الزعبلاوي. - قل ولا تقل، مصطفى جواد. - نحو إتقان الكتابة العلمية باللغة العربية، لمكي الحسني. -أخطاء الكتّاب والإذاعيين، أحمد مختارعمر. -معجم الأغلاط اللغوية المعاصرة، للعدناني - دليل الأخطاء الشائعة في الكتابة والنطق، لمروان البوَّاب التحرير العربي، د/ أحمد شوقي رضوان، ود/ عثمان بن صالح القريح.
المصادر الإلكترونية	موقع مكتبة الملك عبد الله الجامعية
أخرى	الأقراص المدمجة

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	لا يوجد
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	برنامج البلاك بورد

العناصر	متطلبات المقرر
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية استراتيجيات التدريس المستخدمة	النظير الطلبة	(مباشر) (غير مباشر)
فاعلية آلية تقييم الطلبة	النظير	(مباشر)
كفاية مصادر التعلم	أستاذ المقرر الطلبة	(مباشر) (غير مباشر)
مصداقية الاختبار وموضوعيته	نظير من نفس التخصص لجنة فحص أسئلة الاختبار	(مباشر) (غير مباشر)
مدى تحقق مخرجات التعلم للمقرر	أستاذ المقرر – قيادة البرنامج الطلبة	(مباشر) (غير مباشر)

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلبة، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	رئيس القسم. د أسامة بن أحمد السلمي
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Planning Studio 3: New City**
Code:	**ARC 3053**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

ARC 3355 Urban Service Facilities

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

The Kingdom is currently witnessing an unprecedented urban development, where a large number of inspiring new cities will be established. This studio is focuses on planning a new city in Saudi Arabia. Students are asked to design the new city regarding the relevant planning requirements, standards and regulations. The location of the city is determined by the coordinator of the studio. Work phases consist of both team and individual work and end by presenting studies and a spatial master plan.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the project	**10**
2	Regional, environmental and socio-economic studies	**10**
3	Housing, services and urban structure studies	**10**
4	Integrative structure of specialty studies	**10**
5	Generating alternatives -Part 1	**10**
6	Generating alternatives -Part 2	**10**
7	Evaluating the alternatives	**10**
8	Final project development -Part 1	**10**
9	Final project development -Part 2	**10**
10	Final project development -Part 3	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
	ELWakil, S. (2006). Urban Planning: Principles, Basics and Applications.
Essential References Materials	Levy, J. (2016). Contemporary urban planning. Routledge.
	Weber, R. & Randal, C. (2015). The oxford handbook of urban planning. 2015.
	وزارة الشئون البلدية والقروية. (2016). المعايير التخطيطية للخدمات العامة الإقليمية والمحلية ومستوياتها المختلفة.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

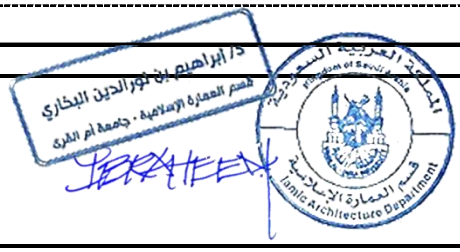
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Detailed Urban Planning Studio**
Code:	**ARC 3153**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**3**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**12**	

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**6**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**60**
4	**Research**	**0**
5	**Training**	**0**
	Total	**60**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio places emphasizes on land zoning projects. Zoning may be use-based, or it may regulate building height, lot coverage, and similar characteristics, or some combination of these. This studio illustrates principles for the application of urban design through land zoning projects, criteria for land allocation, regulations of land zoning projects, and practical aspects in preparation of these projects. Students are asked to design a zoning project in details.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Principles for the application of urban design through land zoning projects	**6**
2	Criteria for land allocation for public uses	**6**
3	Needs assessment of zoning areas in public utilities	**6**
4	Building conditions for zoning projects	**6**
5	Regulations and laws related to land zoning projects	**6**
6	Practical and procedural aspects in preparation of land zoning projects	**6**
7	Development of the project - Part 1	**6**
8	Development of the project - Part 2	**6**
9	Development of the project - Part 3	**6**
10	Development of the project - Part 4	**6**
Total	None	**60**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning (Research work)	Eval. of Research
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Mia, A. (2011). Land Zoning Report. Ministry of Land, GoB Watson, D. (2003). Time-Saver Standards for Urban Design. McGraw-Hill.
Essential References Materials	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

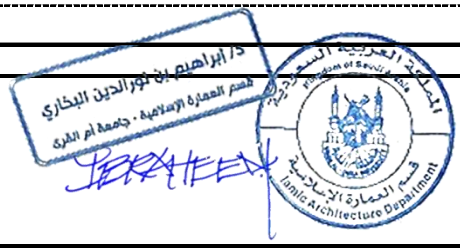
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Computer Applied Statistics**
Code:	**ARC 3253**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**4**	Level	**12**	

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**4**	100%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**10**
2	**Practical**	**30**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**40**

B. Course Objectives and Learning Outcomes

1. Course Description

This course explores statistical analysis. Topics covered include how to create and analyze charts, build reports, import spreadsheets, create regression models, and export presentation graphics.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Analyze data from a variety of sources. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	**K1**
	2. Skills	
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**4**
2	Basics of applied statistics - part 1	**4**
3	Basics of applied statistics - part 2	**4**
4	Data visualization	**4**
5	Data wrangling	**4**
6	Recording data	**4**
7	Exploring data	**4**
8	Clustering and Classification	**4**
9	Analyzing data	**4**
10	Building predictive models	**4**
Total	None	**40**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the knowledge required to use computer programs in designing the built environment. (K1-l)	Direct Learning (Lecture)	Assignments & Tasks
	2. Skills		
2.1	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Direct Learning (Lecture)	Computer-based Exam
2.2	Analyze data from a variety of sources. (S3-b)	Direct Learning (Lecture)	Computer-based Exam
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Computer-based Assignments)	1 to 10	40%
2	Continuous Assessment (Computer-based Assignments)	5	20%
3	Continuous Assessment (Computer-based Assignments)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Warner, R. (2020). Applied statistics. SAGE Publications. McCormick, K., & Salcedo, J. (2017). SPSS statistics for data analysis and visualization. Wiley.
Essential References Materials	C. Cronk, B. (2019). How to Use SPSS. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Computer Lab.
Technology Resources	Data show projector Internet connection Application Software
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

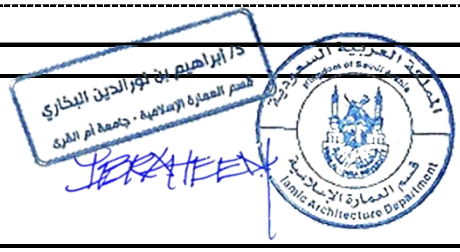
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Regional Planning**
Code:	**ARC 3356**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The regional planning is considered as the second level of spatial planning in Saudi Arabia. Therefore, this course is concerned with the nature of regional planning as particular form of planning. Consideration is given to the historical evolution, definition and scope of regional planning; its particular role and contribution, and its methods and techniques. In addition, this course deals with the process of regionalization and definition of region, the spatial structure of region, and regional planning in the international perspective. This course is an introduction to Urban Planning Studio 4: Regional Planning.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Demonstrate an understanding of theories of the built environment. Independently seek information and use it appropriately. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Definition and scope of regional planning	**2**
2	Historical evolution of regional planning	**2**
3	Various aspects affecting the regional planning process	**2**
4	Methods and techniques of regional planning - Part 1	**2**
5	Methods and techniques of regional planning - Part 2	**2**
6	Central-place theory	**2**
7	The spatial structure of region and regional planning	**2**
8	Regional planning in the international perspective - Part 1	**2**
9	Regional planning in the international perspective - Part 2	**2**
10	Regional planning in Saudi Arabia	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hall, P. & Tewdwr, M. (2020). Urban and Regional Planning. Routledge. Calthorpe, P. & Fulton, W. (2001). The Regional City. Island Press.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

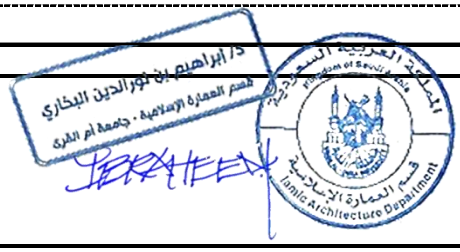
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Cities and Climate Change**
Code:	**ARC 3357**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **4** Level **12**

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Cities face significant impacts from climate change, both now and into the future. This course discusses the consequences of various climate change impact scenarios on cities, ranging from conservative to extreme. Furthermore, it explores policy options for urban planning in response to climate change, with emphasis on changes in urban form.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of the mutual integration between human and the environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to Cities and Climate Change	**2**
2	Climate change impacts on cities - Part 1	**2**
3	Climate change impacts on cities - Part 2	**2**
4	Urban planning strategies for climate change: Mitigation	**2**
5	Urban planning strategies for climate change: Adaptation	**2**
6	Adaptation: Land use and housing	**2**
7	Adaptation: Transportation	**2**
8	Adaptation: Water supply and sanitation	**2**
9	Adaptation: Solid waste	**2**
10	Adaptation: Energy	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Work collaboratively and constructively, and lead diverse teams to perform a wide range of tasks with responsibility. (V2-c)	Cooperative L. (Teamwork)	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dodman, D. (2012). Adapting Cities to Climate Change. Routledge.
	Allam, Z., Jones, D., & Thondoo, M. (2020). Cities and climate change. Palgrave MacMillan.
Essential References Materials	Allaoua, Z. (2011). Guide to Climate Change Adaptation in Cities. The World Bank.
	Sethi, M. (2017). Climate change and urban settlements. Routledge.
	Hamin, E. (2019). Planning for climate change. Taylor and Francs.
	Calthorpe, P. (2010). Urbanism in the Age of Climate Change. Island Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

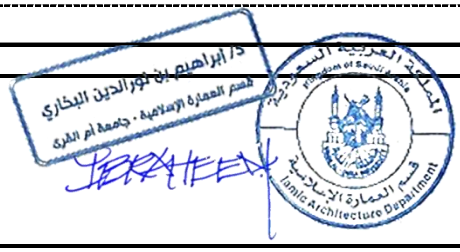
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

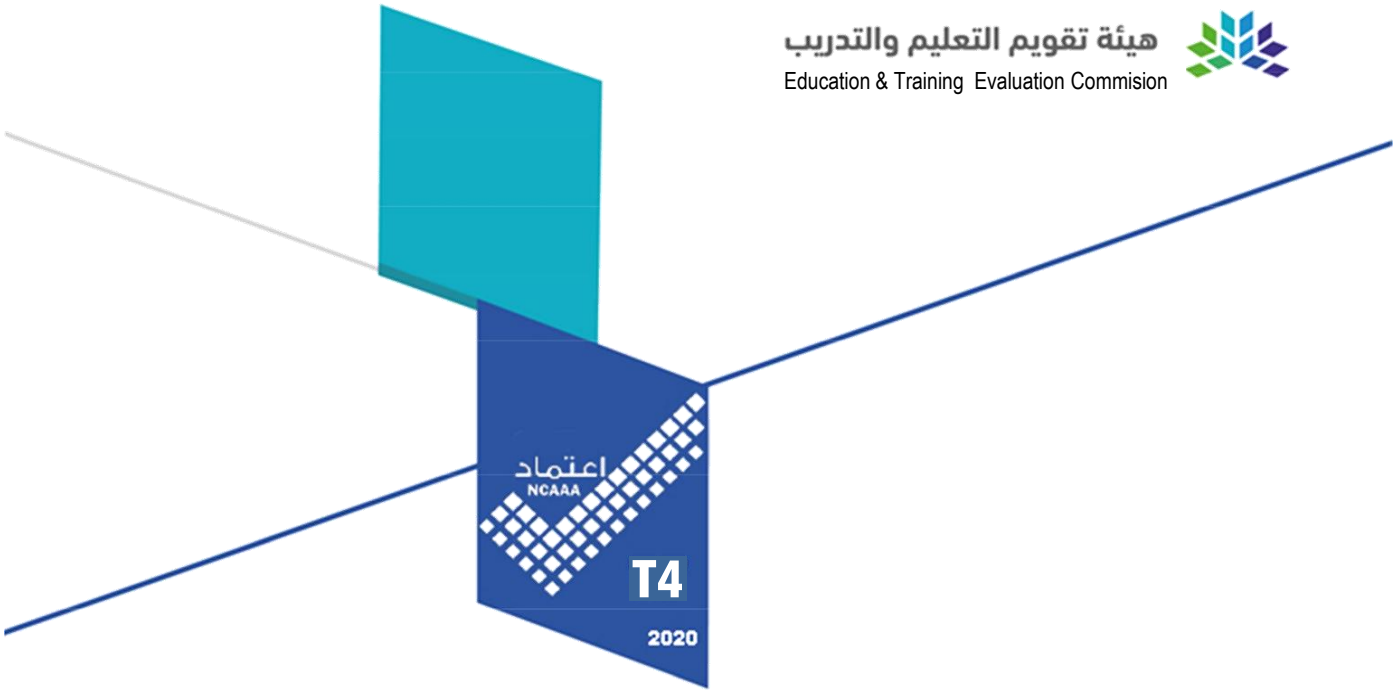
H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision



Course Specifications

Course Title:	**Urban Planning Studio 4: Regional Planning**
Code:	**ARC 3054**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**5** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year	**5**	Level	**13**

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

ARC 3356 Regional Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**10**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**100**
4	**Research**	**0**
5	**Training**	**0**
	Total	**100**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio examines a range of concepts, approaches and tools of comprehensive regional development. The focus is on real world regional planning problems in its comprehensive context. International experiences and Saudi regional development strategies will be introduced and examined. The new approaches of regional development will also be introduced and examined. Different methods and techniques used to evaluate and implement such regional comprehensive development plan will be explored in more details.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Analyze data from a variety of sources. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
2.4	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Concepts, approaches and tools of comprehensive development	**10**
2	Regional planning problems	**10**
3	International regional planning policies and strategies	**10**
4	National regional planning policies and strategies	**10**
5	New approaches of regional development	**10**
6	Evaluation and implementation of regional development plan	**10**
7	Case study analysis - Part 1	**10**
8	Case study analysis - Part 2	**10**
9	Case study analysis - Part 3	**10**
10	Case study analysis - Part 4	**10**
Total	None	**100**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
2.4	Analyze data from a variety of sources. (S3-b)	Interactive L. (Dialogue & discussion)	Assignments & Tasks
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Hall, P. & Tewdwr, M. (2020). Urban and Regional Planning. Routledge. Calthorpe, P. & Fulton, W. (2001). The Regional City. Island Press.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

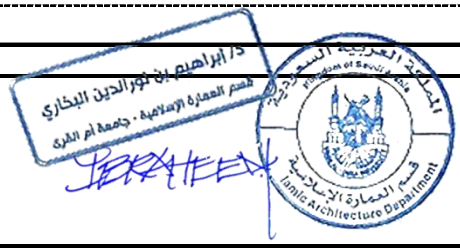
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Graduation Project Research: Urban Planning**
Code:	**ARC 3358**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**20**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to "Graduation Project Studio 1: Urban Planning". It focuses on choosing a graduation project title that matches the student's approach. Furthermore, student will learn how to prepare an actual project methodology through studying and analyzing past experiences and case studies to elicit the learned lessons from these experiences. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Independently seek information and use it appropriately. Analyze data from a variety of sources. Formulate results of different experiments. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
2.3	Formulate results of different experiments. (S3-c)	**S3**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction of the course	**2**
2	Scientific research objectives and its scope	**2**
3	Research problem, hypothesis and methodology	**2**
4	Selecting the graduation project	**2**
5	Analyses of previous similar projects - Part 1	**2**
6	Analyses of previous similar projects - Part 2	**2**
7	Analyses of previous similar projects - Part 3	**2**
8	Specifying and selecting the appropriate site	**2**
9	Defining required statistics, laws, rules and legislations	**2**
10	Vision of the selected graduation project	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning (Research work)	Eval. of Report
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Self–Learning (Research work)	Eval. of Report
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Report
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning (Research work)	Eval. of Report
2.3	Formulate results of different experiments. (S3-c)	Self–Learning (Research work)	Eval. of Report
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Report stages, Direct Observation)	1 to 10	40%
2	Mid-Term Exam (Oral Exam)	5	20%
3	Final Report Submission	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Deetjen, T. (2020). Published: a Gide. Productive Academic. Schluter, W. (1926). How to do research work. Prentice-Hall, Inc.
Essential References Materials	Butler, K. (2012). Planning and Urban Design Standards. Wiley. وزارة الشئون البلدية والقروية. (2016). المعايير التخطيطية للخدمات العامة الإقليمية والمحلية ومستوياتها المختلفة.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

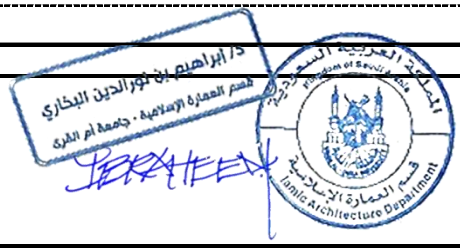
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Governance**
Code:	**ARC 3359**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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A. Course Identification 3

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C. Course Content 4

D. Teaching and Assessment 5

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course explains the political, socio-economic and administrative setup of local government and city management functions. On one hand, it covers the following concepts and topics: introduction to management thoughts and concepts, city government and its relationship with other level of national government and city management functions. On the other hand, city management is devoted to creating a positive interaction between urban needs and personal inhabitants' interests and needs. Therefore, this course discusses critical parameters in modern concepts of city management such as urban equality, public participation, socio-economic and personal feeling of secure.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	Contemporary problems of urban management	**2**
3	Management thoughts and concepts	**2**
4	Urban government	**2**
5	City management functions	**2**
6	Political and administrative setup of local government	**2**
7	Parameters of city management: Urban equality	**2**
8	Parameters of city management: Public participation	**2**
9	Parameters of city management: Socio-economic parameter	**2**
10	Parameters of city management: Feeling of secure	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge. Weith, T. (2020). Sustainable Land Management in a European Context. Intl Springer.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

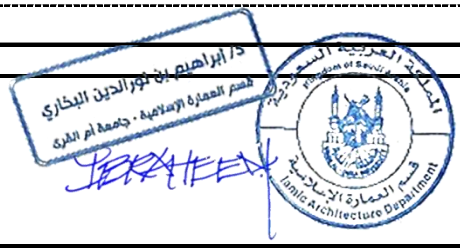
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Sustainable Cities**
Code:	**ARC 3360**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course helps students create sustainable plans for natural systems, energy, water, waste, transportation and many other factors that contribute to quality of life in cities.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of the mutual integration between human and the environment. Apply the knowledge of theories and methods of designing the built environment. Apply various means to achieve sustainable built environment. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.3	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	**K1**
	2. Skills	
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.2	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to sustainable city	**2**
2	Green buildings	**2**
3	Natural systems and ecology	**2**
4	Transportation and land use	**2**
5	Water efficiency	**2**
6	Energy and greenhouse gas emissions	**2**
7	Materials and resources	**2**
8	Quality of life	**2**
9	Case study analysis - Part 1	**2**
10	Case study analysis - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Eval. of Presentation
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.3	Demonstrate an understanding of the mutual integration between human and the environment. (K1-i)	Direct Learning (Lecture)	Eval. of Presentation
	2. Skills		
2.1	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Self–Learning (Research work)	Assignments & Tasks
2.2	Apply various means to achieve sustainable built environment. (S1-k)	Self–Learning (Research work)	Assignments & Tasks
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Cohen, S., & Dong, G. (2021). The sustainable city. Columbia University Press. Clark, W. (2017). Sustainable cities and communities design handbook. Butterworth-Heinemann.
Essential References Materials	Alvarez-Risco, A. (2021). Building Sustainable Cities. SPRINGER. Johnston, S., Nicholas, S., & Parzen, J. (2014). The guide to greening cities. Island Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

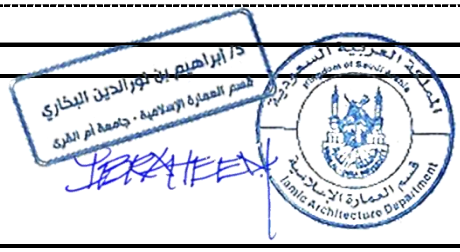
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Urban Infrastructure**
Code:	**ARC 3361**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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B. Course Objectives and Learning Outcomes 3

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D. Teaching and Assessment 5

1. Alignment of CLOs with Teaching Strategies and Assessment Methods 5

2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:				Year **5**		Level **13**	

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course places emphasis on all basic urban utilities including electricity, gas, water supplies, sewage systems, storm networks, solid waste disposal and telecommunication. The course articulates basic designs of infrastructure planning as well as their impact on the environment, public health and safety. Moreover, it identifies regulations of safety, and environmental laws that control infrastructure utilities.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of various types of infrastructure systems. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	**K2**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Roads, highways and car parking	**2**
3	Electric power systems	**2**
4	Natural gas	**2**
5	Water supplies	**2**
6	Storm networks	**2**
7	Sewage systems	**2**
8	Telecommunication systems	**2**
9	Solid waste disposal	**2**
10	Methods of forecasting infrastructure demands	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Ascher, K. (2012). The Works: Anatomy of a City. Penguin Press. Hamada, M. (2014). Critical urban infrastructure handbook. CRC Press.
Essential References Materials	Butler, K. (2012). Planning and Urban Design Standards. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

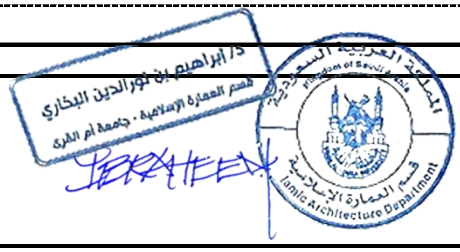
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Public Transportation Planning and Management.**
Code:	**ARC 3362**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP27

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **13**

4. Pre-requisites for this course (if any)**:**

ARC 3053 Urban Planning Studio 3: New City

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces principles of public transport planning and management. It focuses on public transport theories and systems. It discuss typologies of public transportation system such as, cars, street cars, bus, bus rapid transit, light rapid transit, railway rapid transit and transit oriented development. The course cover route modeling and assignment, trip timing, distance and scheduling, cost subsidies, public involvement, and sustainable practices.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Analyze data from a variety of sources. Actively participate in finding effective solutions to various issues related to the built environment.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Analyze data from a variety of sources. (S3-b)	**S3**
	3. Values	
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Principles of Public Transport	**2**
2	Public transport theories and systems	**2**
3	Typologies of public transportation -Part 1	**2**
4	Typologies of public transportation - Part 2	**2**
5	Modeling and assignment	**2**
6	Trip timing	**2**
7	Distance and scheduling	**2**
8	Cost subsidies	**2**
9	Public involvement	**2**
10	Sustainable practices	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
2.2	Analyze data from a variety of sources. (S3-b)	Self–Learning (Research work)	Assignments & Tasks
	3. Values		
3.1	Actively participate in finding effective solutions to various issues related to the built environment. (V2-a)	Self–Learning	Eval. of Research

2. Assessment Tasks for Students

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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Verma A, Ramanayya TV. Public transport planning and management in developing countries. Boca Raton: CRC Press; 2014 Dec 17. Gray GE, Hoel LA. Public transportation: planning, operations, and management.
Essential References Materials	Black J. Urban transport planning: Theory and practice. Routledge; 2018 May 30. Abdallah T. Sustainable Mass Transit: Challenges and Opportunities in Urban Public Transportation.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

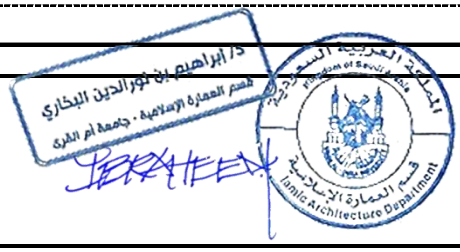
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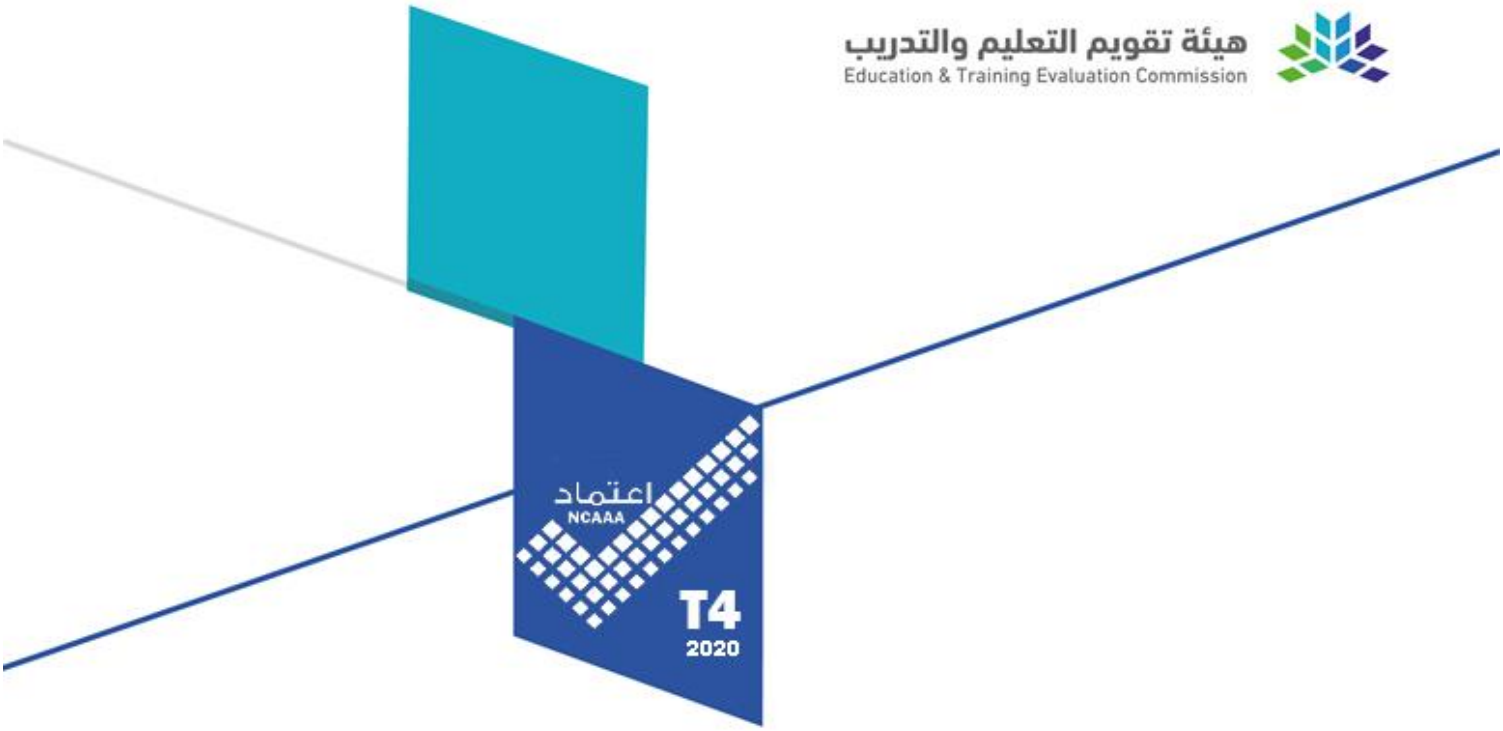
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Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	توصيف مقرر الثقافة الإسلامية (٤)
رمز المقرر:	ICC4204
البرنامج:	البكالوريوس
القسم العلمي:	الدعوة والثقافة الإسلامية
الكلية:	الدعوة وأصول الدين
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

ب- هدف المقرر ومخرجاته التعليمية: ٣

١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

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١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٥

٢. أنشطة تقييم الطلبة ٦

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و – مصادر التعلم والمرافق: ٦

١. قائمة مصادر التعلم: ٦

٢. المرافق والتجهيزات المطلوبة: ٧

ز. تقويم جودة المقرر: ٧

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة:

٢. نوع المقرر

أ. متطلب جامعة ☒ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☒ اختياري ☐

٣. السنة / المستوى الذي يقدم فيه المقرر

٤. المتطلبات السابقة لهذا المقرر (إن وجدت)

ثقافة إسلامية ١٠١ ، ثقافة إسلامية ٢٠١ ، ثقافة إسلامية ٣٠١

٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	**المحاضرات التقليدية**	**لا ينطبق**	**لا ينطبق**
2	**لتعليم المدمج**	**لا ينطبق**	**لا ينطبق**
3	**التعليم الإلكتروني**	**لا ينطبق**	**لا ينطبق**
4	**التعليم عن بعد**	٢٠	%٩٠,٩٠
5	**أخرى: (الاختبارات النصفية والنهائية)**	٢ساعتان	%٩,٠٩

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات: (بواقع ساعتين في الأسبوع لمدة ١٠ أسبوعا)	٢٠
٢	معمل أو استوديو	لا ينطبق
٣	دروس إضافية	لا ينطبق
٤	أخرى (تذكر): (الاختبارات النصفية والنهائية)	٢ ساعتان
الإجمالي		٢٢

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

يقدم هذا المقرر مادة علمية تأصيلية عن الأخلاق في الإسلام، من حيث مفهومها ومنزلتها وأسسها وأبرز جوانبها، وعن الجانب الخلقي العظيم لرسولنا الكريم صلى الله عليه وسلم ، ثم يعرض تطبيقات أخلاقية ترقى بالمجتمع وتحافظ عليه

٢. الهدف الرئيس للمقرر:

- أن يتعرف الطالب على أهمية ومنزلة الأخلاق في الإسلام .
- أن يدرك الطالب مدى ارتباط الأخلاق بالسعادة في الدارين .
- أن يلم الطالب بالجوانب الخلقية لدى الرسول القدوة ﷺ .
- أن يربط الطالب بين الأخلاق ورقي المجتمع واستقامته .
- أن يتعرف الطالب على تطبيقات القيم والأخلاق ، وأهميتها في واقع حياته

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	يعّرف سمات المجتمع المسلم والمجتمعات المغايرة	

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1.1	يستعرض مفهوم الأخلاق وأهميتها.	
1.2	يعدد أبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	
1.3	يصف أهم الأخلاق الفردية والاجتماعية.	
1.4	يشرح أبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	
2	**المهارات**	
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	
3	**القيم**	
3.1	يشارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	
3.3	يتمثل القيم والأخلاق الإسلامية الحميدة وأخلاقيات المهنة	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	**مدخل إلى الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة مدخلاً عامًا للأخلاق في الإسلام وذلك من حيث : المفهوم، الأهمية، الأسس، الخصائص، المقارنة بالأخلاق قبل الإسلام .	٢
٢	**عناية الإسلام بالأخلاق الفردية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الفردية وبيان أهميتها مع ذكر أمثلة لها :كالصدق، والرفق، والتواضع، وغيرها من الأخلاق الفردية. **عناية الإسلام بالأخلاق الاجتماعية:** يدرس الطالب في هذه المفردة تأصيلاً للأخلاق الاجتماعية وبيان أهميتها مع ذكر أمثلة لها كالأمانة، والوفاء، والتراحم، وغيرها من الأخلاق الاجتماعية.	٢
٣	**ثمرات الأخلاق في الإسلام:** يدرس الطالب في هذه المفردة الثمرات الدنيوية والأخروية للأخلاق في الإسلام	٢
٤	**النبي ﷺ كما وصفه ربه تعالى:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ التي وصفها به الله تعالى ، وجوانب الاقتداء به ﷺ .	٢
٥	**أخلاق النبي ﷺ مع أسرته وأهل بيته:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع زوجاته ، وأولاده ، وخدمه ، وقرابته ، وجوانب الاقتداء به ﷺ .	٢
٦	**أخلاق النبي ﷺ مع صحابته ومجتمعه:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المجتمع المسلم حوله ﷺ كالصحابة ونحوهم ، وجوانب الاقتداء به ﷺ .	٢
٧	**أخلاق النبي ﷺ مع المخالفين:** يدرس الطالب في هذه المفردة أخلاق النبي ﷺ مع المخالفين كالمشركين ، والمنافقين ، وأهل الكتاب ، وأهل الأديان الأخرى ، وجوانب الاقتداء به ﷺ	٢
٨	**تعظيم البلد الحرام وخدمة الحجاج والمعتمرين:** يدرس الطالب في هذه المفردة بيان مفهوم تعظيم البلد الحرام ، ومكانته ، وفضائله، وفضل ومكانة خدمة الحجاج والمعتمرين، مع ذكر أمثلة أخلاقية تطبيقية .	٢

٩	**تعزيز سلوكيات المواطن الصالح:** يدرس الطالب في هذه المفردة بيان مفهوم المواطن الصالح في الإسلام، والسلوكيات التي يجب على المواطن التحلي بها، والتأكيد على قيم الانتماء الوطني ، وذكر أمثلة أخلاقية تطبيقية ، وفي مقابل ذلك التحذير من التيارات المنحرفة والجماعات المتطرفة التي تدعو إلى خلاف ذلك .	٢
١٠	**الحث على العمل، تعزيز النزاهة، ومحاربة الفساد:** يدرس الطالب في هذه المفردة بيان مفهوم العمل وكسب الرزق في الإسلام وذكر أمثلة تطبيقية لأخلاقيات المهنة. يدرس الطالب في هذه المفردة بيان مفهوم النزاهة في الإسلام، وأهميته، وذكر أمثلة أخلاقية تطبيقية لمحاربة الفساد.	٢
المجموع		٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	يعرف مفهوم الأخلاق وأهميتها.	المحاضرات والمناقشات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.2	يلم بأبرز مصادر الأخلاق في الإسلام، ويلم بخصائص هذه المصادر.	التعلم الذاتي ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات تكليف الطالب بعمل بحث أو ورقة عمل	الاختبارات التحريرية والشفوية. عرض البحوث والمناقشة
1.3	يذكر أهم الأخلاق الفردية والاجتماعية.	المحاضرات والمناقشات ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الاختبارات التحريرية والشفوية. وأوراق عمل
1.4	يلم بأبرز القضايا النبوية المرتبطة بأخلاق النبي صلى الله عليه وسلم وأثرها على الفرد والجماعة.	الاستقراء والعصف الذهني المحاضرات والمناقشات	الاختبارات التحريرية والشفوية.
2.0	**المهارات**		
2.1	يوظف محاسن الأخلاق في الدعوة إلى الله بحكمة وبصيرة.	العصف الذهني الحوار والمناقشة زيارة بعض المواقع الالكترونية التي تعتني بهذا الموضوع	التقييم الجماعي أوراق عمل
2.2	يستخدم الأخلاق الحميدة في توعية وتثقيف الحجاج والمعتمرين.	الطريقة الاستقرائية ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	بحوث وواجبات تقييم قدرة الطلاب على الاستنباط والتحليل
2.3	يحلل نصوص القرآن الكريم والسنة النبوية المرتبطة بالأخلاق.	التعليم التعاوني الحوار والمناقشة	الملاحظة المباشرة والتقييم الجماعي
2.4	يرد على شبه المناوئين للدعوة الإسلامية وفق منهج أخلاقي قويم.	التعليم النشط ربط الطالب بالمراجع الأساسية والمساندة في معرفة هذه المفردات	الملاحظة المستمرة تقييم الأبحاث
3.0	**القيم**		

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
3.1	يشـــارك زملاءه في إعداد أبحاث وواجبات متعلقة بالمادة بمسؤولية واستقلالية	التعلم التعاوني التكليف بأبحاث وواجبات وأوراق عمل	الملاحظة المســتمرة وقويم الأداء وتقييم الأبحاث
3.2	اكتساب الخلق القويم والقيم الأصيلة من خلال التعلم الذاتي والتعاوني.	التعلم التعاوني	الملاحظة المستمرة والتقييم الجماعي
3.3	يتمثل القيم والأخلاق الإسـلامية الحميدة وأخلاقيات المهنة	التعليم التعـاوني من خلال التكليف بواجبـات وأبحـاث وأنشطة جماعية	تقييم الأبحاث الملاحظة المباشرة لسلوك الطلاب وتوجهاتهم

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	الاختبار التحريري والشفوي	منتصف ونهاية الفصل الدراسي	٦٠%
٢	التقويم المستمر	كل أسابيع الدراسة	١٠%
٣	عرض البحوث والمناقشة	التاسع	١٥%
٤	الملاحظة وتقويم الأداء	ابتداء من الأسبوع الرابع	١٥%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- **تعريف الطالب بالمقرر**
- **متابعة بعض الحالات الفردية التي تحتاج إلى اهتمام خاص.**
- **توجيه الطالب الى كيفية الإفادة من التقنيات الحديثة.**
- **الساعات المكتبية.**
- **ربط جميع الطلاب بمرشدين أكاديميين لمساعدتهم على فهم متطلبات البرنامج وعمليات التسجيل.**
- **نشر جميع معلومات الاتصال الخاصة بعضو هيئة التدريس على الصفحة الرئيسية للمقرر الدراسي على البلاك بورد.**

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	الآداب الشرعية للحافظ ابن مفلح المقدسي . النزاهة في مواجهة الفساد : تجربة المملكة العربية السعودية ، لمحمد بن عبد الله الشريف . الشمائل المحمدية للإمام الترمذي .
المراجع المساندة	١- الأخلاق والسير لابن حزم الأندلسي . ٢- زاد المعاد في هدي خير العباد لابن قيم الجوزية . ٣- السيرة النبوية لابن هشام . ٤- الشفا بتعريف حقوق المصطفى صلى الله عليه وسلم للقاضي عياض .
المصادر الإلكترونية	المكتبة السعودية الرقمية
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعة دراسية مجهزة افتراضية مكتبة اليكترونية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	أجهزة حاسوب مرتبطة بالنت قاعات افتراضية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	لا يوجد

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	أعضـــاء هيئة التدريس، الطالب، لجنة الجودة، إدارة البرنامج	غير مباشر (الاستبانات)
فاعلية طرق تقييم الطالب	المراجع النظير	مراجعة عينات عشـــوائية من أوراق إجابات الطلاب
مدى تحصيل مخرجات التعلم	قيادات البرنامج	تقييم مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Graduation Project Studio 1: Urban Planning**
Code:	**ARC 4055**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

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G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **7** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3358 Graduation Project Research: Urban Planning

ARC 3054 Urban Planning Studio 4: Regional Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

This design Studio is the 1st phase of the final graduation project. In this phase, students will be working to develop abilities and skills (investigation, analysis and interpretation, planning development and presentation) that enable them to prepare strategies, frameworks, concepts and master plans in a professional and visionary manner. Familiarity with economic, social and environmental factors, analytic and communication techniques will be assumed from previous courses. This phase concentrates on the data collection and analysis stages of the developmental process. Throughout the preparation of this phase, student will grasp the ideology of analyzing the final detailed program, setting alternatives, and taking urban planning decisions.

2. Course Main Objectives

The course aims at the students to: Define functional requirements and relationships for different sectors of the built environment. Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Demonstrate respect to different points of view.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Demonstrate respect to different points of view. (V1-b)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the studio	**14**
2	Define feasible urban planning problems	**14**
3	Collect information to understand the selected problems - Part 1	**14**
4	Collect information to understand the selected problems - Part 2	**14**
5	Analyzing the collected data to reach the main objectives - Part 1	**14**
6	Analyzing the collected data to reach the main objectives - Part 2	**14**
7	Developing three scenarios or concepts - Part 1	**14**
8	Developing three scenarios or concepts - Part 2	**14**
9	Developing three scenarios or concepts - Part 3	**14**
10	Evaluating the concepts based on assessment criteria	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Define functional requirements and relationships for different sectors of the built environment. (K1-b)	Self–Learning (Research work)	Eval. of Research
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Demonstrate respect to different points of view. (V1-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Butler, K. (2012). Planning and Urban Design Standards. Wiley. ELWakil, S. (2006). Urban Planning: Principles, Basics & Applications.
Essential References Materials	Levy, J. (2016). Contemporary urban planning. Routledge. Weber, R. & Randal, C. (2015). The oxford handbook of urban planning. 2015.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

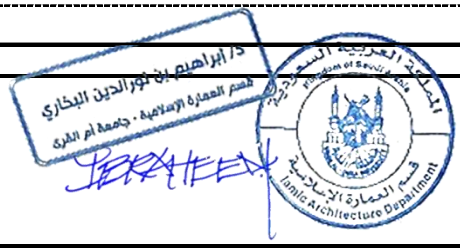
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Economics**
Code:	**ARC 4363**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3054 Urban Planning Studio 4: Regional Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course focuses on strategies that policy makers and planners at all levels use to create healthy urban economies. The course begins by examining the role of the urban economic development specialist, and then examines a range of tools that economic developers/planners use. It also focuses on relatively new strategies for urban economics development and redevelopment. It explores issues of labor force, housing and transportation. Moreover, it examines the role of technology on urban economic development, and discusses various international and Saudi case studies.

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Illustrate fundamentals of economics of the built environment sector. Apply the knowledge of built environment economics. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
1.3	Illustrate fundamentals of economics of the built environment sector. (K1-m)	**K1**
	2. Skills	
2.1	Apply the knowledge of built environment economics. (S1-h)	**S1**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Fundamental concepts of economic theory	**2**
2	Law of supply and demand	**2**
3	The role of the urban economic development specialist	**2**
4	Tools used by economic developers/planners	**2**
5	Economic drivers shaping cities	**2**
6	New strategies for urban economics development and redevelopment	**2**
7	Issues of labor force, housing and transportation	**2**
8	Role of technology on urban economic development	**2**
9	Property feasibility analysis	**2**
10	International and Saudi case studies	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
1.3	Illustrate fundamentals of economics of the built environment sector. (K1-m)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of built environment economics. (S1-h)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Sieg, H. (2020). Urban Economics and Fiscal Policy. Princeton University Press. McDonald. J.(1997). Fundamentals of Urban Economics.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

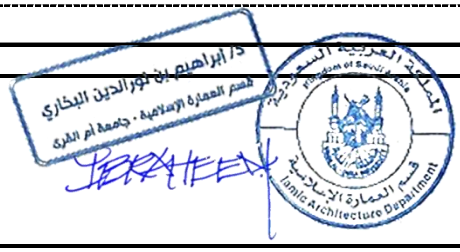
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Sociology and Population**
Code:	**ARC 4364**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3054 Urban Planning Studio 4: Regional Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to urban sociology and population studies. Organized around an integrated paradigm, the sociospatial perspective, this course illustrates the role played by social factors such as gender, lifestyle, economics, and culture on the development of metropolitan areas. With its unique perspective, concise history of urban life, clear summary of urban social theory, and attention to the impact of culture on urban development, this course gives students a cohesive conceptual framework for understanding cities and urban life. Furthermore, the course demonstrates population studies. Major areas include broad population dynamics; fertility and family dynamics; health, aging, mortality, etc.

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate self-discipline and punctuality.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**

C. Course Content

No	List of Topics	Contact Hours
1	Ancient urbanization and classical cities	**2**
2	Urban Sociology: Definition and theoretical paradigms	**2**
3	Contemporary urban sociology	**2**
4	People and lifestyle in the metropolises: Urban and suburban culture	**2**
5	Neighborhoods and communities	**2**
6	Metropolitan problems	**2**
7	Metropolitan planning and environmental issues	**2**
8	Population studies - Part 1	**2**
9	Population studies - Part 2	**2**
10	Population studies - Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Gottdiener, M., Hutchison, R., & Ryan, M. (2019). The new urban sociology. Westview Press. Petersen, W. (2017). From Birth to Death. Routledge.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

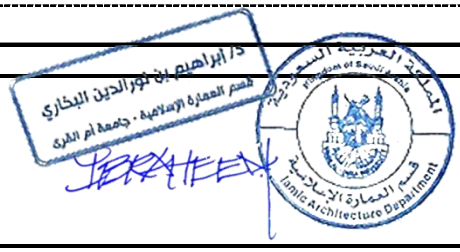
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Smart Cities**
Code:	**ARC 4365**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP32

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required	●	Elective					

3. Level/year at which this course is offered: Year **5** Level **14**

4. Pre-requisites for this course (if any)**:**

ARC 3054 Urban Planning Studio 4: Regional Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The rapidity of technological advances is profoundly changing the way we work and live. The course provides the basics of smart cities and introduces different aspects of smart cities e.g. infrastructure, mobility and buildings. Furthermore, it gives students an overview of current smart city related projects and enables students to develop a vision on which steps can be taken to transform our cities to smart cities.

2. Course Main Objectives

The course aims at the students to: Explain processes, methods and fundamentals of designing the built environment. Demonstrate an understanding of theories of the built environment. Demonstrate an understanding of various types of infrastructure systems. Solve complicated problems associated with the built environment. Apply various means to achieve sustainable built environment. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	**K1**
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
1.3	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	**K2**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Apply various means to achieve sustainable built environment. (S1-k)	**S1**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	What is a smart city?	**2**
2	Advantages of smart cities	**2**
3	Smart cities characteristics and design principles	**2**
4	Components: Smart buildings	**2**
5	Components: Smart transportation systems	**2**
6	Components: Smart infrastructure	**2**
7	Smart city and the Internet of Things	**2**
8	Smart cities and sustainable development	**2**
9	Case study analysis -Part1	**2**
10	Case study analysis -Part2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain processes, methods and fundamentals of designing the built environment. (K1-a)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of theories of the built environment. (K1-f)	Direct Learning (Lecture)	Written Exam
1.3	Demonstrate an understanding of various types of infrastructure systems. (K2-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Self–Learning (Research work)	Eval. of Research
2.2	Apply various means to achieve sustainable built environment. (S1-k)	Self–Learning (Research work)	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Komninos, N. (2018). The age of intelligent cities. Routledge. Song, H., et al. (2017). Smart Cities: Foundations, Principles, and Applications. John Wiley & Sons, Incorporated.
Essential References Materials	Gassmann, O., Bo?hm, J., & Palmie?, M. (2019). Smart cities. Emerald Publishing Limited. Tomar, P., & Kaur, G. (2019). Green and smart technologies for smart cities. CRC Press.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

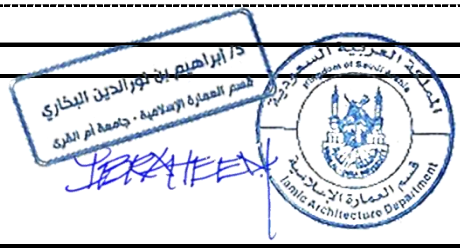
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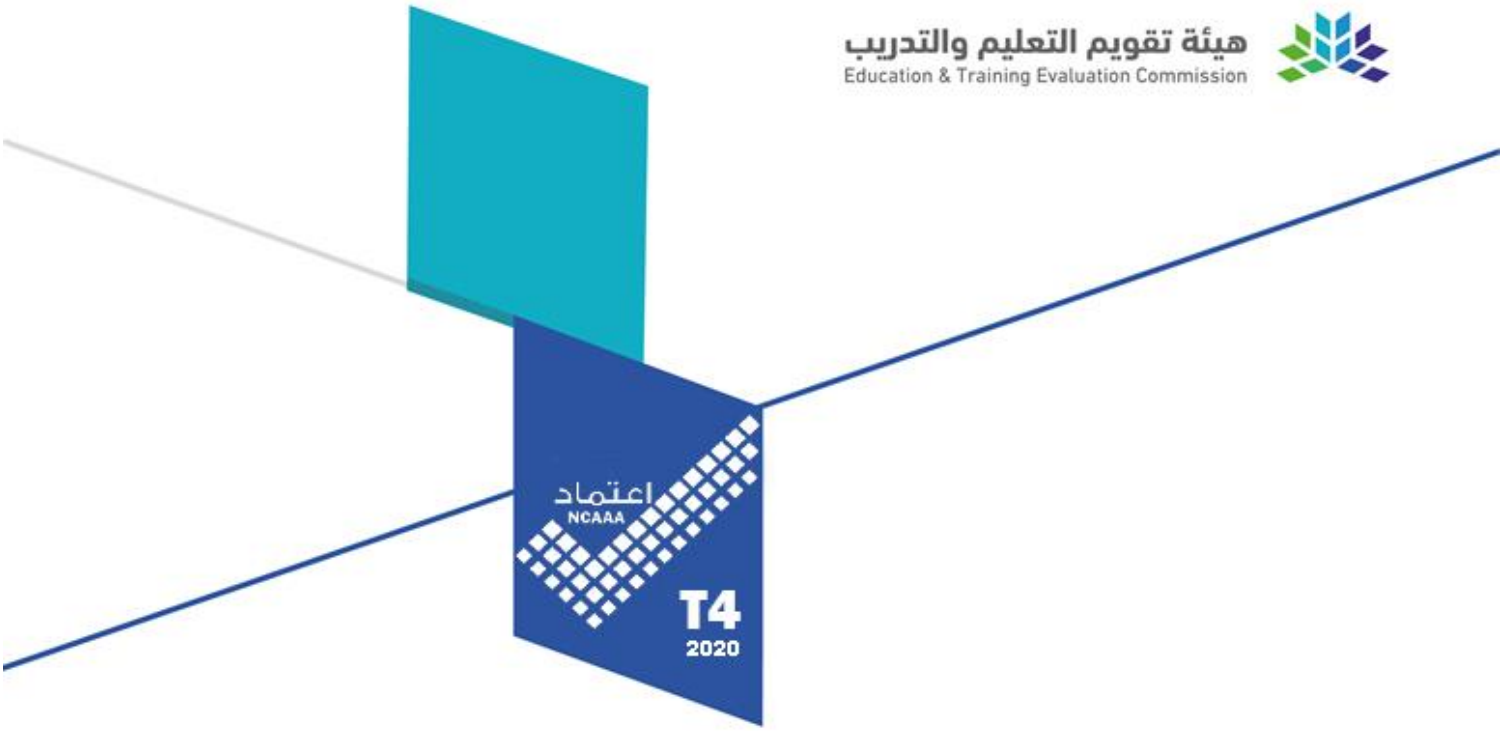
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





توصيف المقرر الدراسي

اسم المقرر:	القرآن كريم (4)
رمز المقرر:	**(QR4104)**
البرنامج:	**البكالوريوس**
القسم العلمي:	**القراءات**
الكلية:	**الدعوة وأصول الدين**
المؤسسة:	**جامعة أم القرى**

المحتويات

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أ. التعريف بالمقرر الدراسي:

1. الساعات
المعتمدة: ساعتان.

2. نوع المقرر

أ. متطلب جامعة ☑ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☑ اختياري ☐

3. السنة / المستوى الذي يقدم فيه المقرر: السنة الرابعة.

4. المتطلبات السابقة لهذا المقرر:
القرآن الكريم (3).

5. المتطلبات المتزامنة مع هذا المقرر:
لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	20 ساعة	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20 ساعة
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20 ساعة

ب- هدف المقرر ومخرجاته التعليمية:

1. **الوصف العام للمقرر:** يشمل المقرر على أربعة محاور:

1. حفظ نصف الجزء التاسع والعشرين من القرآن الكريم (جزء تبارك): من سورة الملك إلى سورة نوح حفظًا متقنًا.
2. تلاوة ثلاثة أجزاء: من سورة سبأ إلى سورة فصلت.
3. دراسة أحكام التَّجويد.
4. شرح غريب كلمات القرآن: من سورة الملك إلى سورة نوح.

2. الهدف الرئيس للمقرر: – تعليم الطُّلَّاب النُّطق السَّليم لكتاب الله –عزَّ وجلَّ–، وفق طرق الأداء المعتبرة.

– حفظ حزب واحد من القرآن الكريم.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.	
1.3	أن يتعرف الطالب على أحكام التجويد.	
1.4	أن يعَرِّف الطَّالب غريب القرآن.	
2	**المهارات**	
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.	
2.3	أن يوضح معاني غريب القرآن.	
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.	
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.	
3	**القيم**	
3.1	أن يعمل ضمن فريق المقرر بكفاءة، ومسؤولية.	
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.	
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	(مقدِّمة تعريفيَّة عن فضل تعلم القرآن الكريم، وأقسام اللحن الجلي والخفي)، وتصحيح تلاوة سورة الملك من 1 إلى 15 مع التَّكليف بحفظها، مع شرح غريب القرآن.	2
2	تسميع سورة الملك من 1 إلى 15، تصحيح تلاوة سورة الملك من 16 إلى 30 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة سبأ.	2
3	تسميع سورة الملك من 16 إلى 30، تصحيح تلاوة سورة القلم من 1 إلى 31 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة فاطر من آية (1) إلى سورة يس آية (27)، شرح درس التجويد (مخارج الحروف الجزء الأول)	2
4	تسميع سورة القلم من 1 إلى 31، تصحيح تلاوة سورة القلم من 32 إلى 52 التَّكليف بحفظها، مع شرح غريب القرآن ، تلاوة سورة يس من آية (28) إلى سورة الصافات آية (76)، شرح درس التجويد (مخارج الحروف الجزء الثاني)	2
5	تسميع سورة القلم من 32 إلى 52، تصحيح تلاوة سورة الحاقة من 1 إلى 24 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الصافات من آية (77) إلى سورة ص آية (42)، شرح درس التجويد (صفات الحروف)	2

6	تسميع سورة الحاقة من 1 إلى 24، تصحيح تلاوة سورة الحاقة من 25 إلى 52 مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة ص من آية (43) إلى سورة الزمر آية (40).	2
7	تسميع سورة الحاقة من 25 إلى 52، تصحيح تلاوة سورة المعارج مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة الزمر من آية (41) إلى سورة غافر آية (25)، شرح درس التجويد (إدغام المتماثلين والمتجانسين والمتقاربين).	2
8	تسميع سورة المعارج، تصحيح تلاوة سورة نوح مع التَّكليف بحفظها، مع شرح غريب القرآن، تلاوة سورة غافر من آية (26) لآخر السورة، شرح درس التجويد (ترقيق الراء وتفخيمها).	2
9	تسميع سورة نوح من 1 إلى 20، تلاوة سورة فصلت.	2
10	تسميع سورة نوح من 21 إلى نهاية السورة.	2
المجموع		20

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يحفظ الطَّالب المقدار المقرَّر أسبوعيًّا.	المحاضرة التلقي والسماع العروض التقديمية	التقييم المستمر الاختبارات الشفوية
1.2	أن يتلو الطَّالب القران الكريم بالكيفية الصحيحة.		
1.3	أن يتعرف الطالب على أحكام التجويد.		
1.4	أن يعَرِّف الطَّالب غريب القرآن.		
2.0	**المهارات**		
2.1	أن يصحح الطالب الأخطاء التي تقع في التلاوة أو الحفظ منه أو من زملائه.	المحاضرة الحوار والمناقشة التلقِّي والمحاكاة العرض والاستماع التَّعلم الذاتي العروض التقديمية أسلوب حل المشكلات	الاختبارات الشفوية الاختبارات التحريرية
2.2	أن يطبِّق الطَّالب جميع أحكام التَّجويد تطبيقاً عمليًّا.		
2.3	أن يوضح معاني غريب القرآن.		
2.4	أن يتواصل الطالب مع الآخرين بشكل فعال؛ لإظهار ونقل معارفه ومهاراته.		
2.5	أن يقترح الطالب الأساليب المثلى له ولزملائه لتعلم القرآن الكريم؛ لحل مشكلات التعلم والقراءة؛ مستخدماً الأدوات التقنية والحاسوبية.		
3.0	**القيم**		
3.1	أن يعمل ضمن فريق المقرر بكفاءة ومسؤولية.	التَّعلم الذاتي التَّعليم التعاوني حلقات النقاش ملف الإنجاز	بطاقة الملاحظة
3.2	أن يلتزم بآداب وأخلاق قارئ القرآن.		
3.3	أن يقوِّم ذاتياً مستوى أدائه؛ ملتزماً بتحمل مسؤولية تعلمه.		

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	المشاركة وحفظ الآيات وتلاوتها	مستمر	%20
2	الاختبار النصفي	السادس	%20
3	الاختبار النهائي	العاشر	%60

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- ساعات الإرشاد الأكاديمي (السَّاعات المكتبية للأستاذ).
- مساعدة الطلبة في توفير المصادر غير المتوفرة في مكتبة الكلّيّة.
- مساعدة الطلبة ذوي الاحتياجات الخاصة (ذوي البصيرة) في توفير المصادر ببرايل.
- إحالة الطلبة الوافدات والمتعثرات والموهوبات على لجنة الإرشاد الأكاديمي بالقسم والجهات المعنيَّة بشؤون الطَّلبة.
- تشكيل لجنة تطوير المقرَّرات بالبرنامج، تعنى بمراجعة المفردات وطرق تدريسها وتقييمها، وتقييم المخرجات من خلال المتابعة المستمرة للتَّغذية الرَّاجعة من قبل الطَّلبة وتقارير المدرِّسين، ثم تقدِّم توصياتها لمجلس القسم لتأخذ مجراها الأكاديمي.
- إعداد الأسئلة التَّقويميَّة نهاية الدَّرس والأنشطة المنزليَّة.
- توجيه الطُّلاب لسماع تلاوات المقرئين المجوِّدين من خلال الوسائل المتاحة.
- المقارنة المرجعيَّة بالمقرَّرات المشابهة له في الجهات الأكاديميَّة الأخرى.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	-القرآن الكريم. - الميسر في غريب القرآن الكريم المطبوع بمجمع الملك فهد لطباعة المصحف الشريف. - التجويد الميسر المطبوع بمجمع الملك فهد لطباعة المصحف الشريف.
المراجع المساندة	- البرهان في تجويد القرآن/ محمد الصادق قمحاوي. - هداية القارئ إلى تجويد كلام البارئ/ عبد الفتاح السيد عجمي المرصفي. - مذكرة في علم التجويد/ محمد نبهان بن حسين مصري.
المصادر الإلكترونية	- موقع مكتبة جامعة أم القرى. - المكتبة الوقفية. - المكتبة الشاملة. - ملتقى أهل التفسير. - منتديات قراء القرآن.
أخرى	-

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	-قاعات دراسية بها عدد من الكراسي والطاولات للاختبارات النصفية والنهائية.

العناصر	متطلبات المقرر
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	– الحاسب الآلي. – التطبيقات الالكترونية.
تجهيزات أخرى (تبعاً لطبيعة التخصص)	-

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
تقويم فاعليَّة استراتيجيات التَّدريس المستخدمة	أستاذ زميل يدرِّس نفس المقرَّر.	مباشر: الزِّيارة للفصل وتقرير فاعليَّة استراتيجيَّات التَّدريس المستخدمة.
طرق تقييم الطُّلَّاب	الطُّلَّاب	غير مباشر: استبانة تقييم المقرَّر المتاحة على الموقع الإلكتروني.
مدى تحصيل مخرجات التَّعلم للمقرَّر	قيادة البرنامج	غير مباشر: تقرير المقرَّر.

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	

Course Specifications

Course Title:	**Graduation Project Studio 2: Urban Planning**
Code:	**ARC 4056**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **7** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**14**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**0**
2	**Practical**	**0**
3	**Studio**	**140**
4	**Research**	**0**
5	**Training**	**0**
	Total	**140**

B. Course Objectives and Learning Outcomes

1. Course Description

This studio is considered as the second phase of the graduation project. Student will continue on what was achieved on the prior course. In this phase, the student develops the urban planning concept selected in the previous phase of the project. The student elaborates on the physical, social, economic, and environmental characteristics of his selected planning alternative.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of theories of the built environment. Solve complicated problems associated with the built environment. Create innovative concepts and forms for the built environment. Apply the knowledge of theories and methods of designing the built environment. Effectively employ digital skills in different stages of designing the built environment. Complete tasks under pressure and within the expected time frame.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	**K1**
	2. Skills	
2.1	Solve complicated problems associated with the built environment. (S1-b)	**S1**
2.2	Create innovative concepts and forms for the built environment. (S1-c)	**S1**
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	**S1**
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	**S1**
	3. Values	
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Development of various aspects of the selected alternative - Part 1	**14**
2	Development of various aspects of the selected alternative - Part 2	**14**
3	Development of various aspects of the selected alternative - Part 3	**14**
4	Development of various aspects of the selected alternative - Part 4	**14**
5	Development of various aspects of the selected alternative - Part 5	**14**
6	Development of various aspects of the selected alternative - Part 6	**14**
7	Preparing an implementation framework- Part 1	**14**
8	Preparing an implementation framework- Part 2	**14**
9	Defining appropriate policies, actions and legal instruments- Part 1	**14**
10	Defining appropriate policies, actions and legal instruments- Part 2	**14**
Total	None	**140**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of theories of the built environment. (K1-f)	Self–Learning	Eval. of Project(s)
	2. Skills		
2.1	Solve complicated problems associated with the built environment. (S1-b)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.2	Create innovative concepts and forms for the built environment. (S1-c)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.3	Apply the knowledge of theories and methods of designing the built environment. (S1-d)	Interactive L. (Dialogue & discussion)	Eval. of Project(s)
2.4	Effectively employ digital skills in different stages of designing the built environment. (S1-j)	Self–Learning	Eval. of Project(s)
	3. Values		
3.1	Complete tasks under pressure and within the expected time frame. (V2-e)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Oral presentations, Assignments, Direct Observation etc.)	1 to 10	70%
2	Mid-Term Exam (Drawing Exam)	5	10%
3	Final Submission (Oral Exam)	11	20%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Butler, K. (2012). Planning and Urban Design Standards. Wiley. ELWakil, S. (2006). Urban Planning: Principles, Basics & Applications.
Essential References Materials	Levy, J. (2016). Contemporary urban planning. Routledge. Weber, R. & Randal, C. (2015). The oxford handbook of urban planning. 2015.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped studio
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

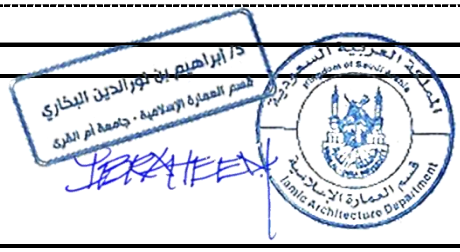
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Multicriteria Assessment of Urban Development Projects**
Code:	**ARC 4366**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required	●	Elective					
3. Level/year at which this course is offered:			Year	**5**	Level	**15**	

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course involves identifying, evaluating, discussing, and documenting the potential beneficial and adverse consequences of implementing an urban project, development, or program. It considers a broad range of community, financial and natural resources and uses these insights to help shape urban project design. Impact assessment considers the long-term outcomes associated with a project and its operation, and the short-term effects of project implementation, as a result of construction activities.

2. Course Main Objectives

The course aims at the students to: Explain the impact of different aspects on the built environment. Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Explain the impact of different aspects on the built environment. (K1-h)	**K1**
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
	3. Values	
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	Role of multicriteria impact assessment in planning project	**2**
3	Multicriteria impact assessment process	**2**
4	Environmental impact assessment considerations - Part 1	**2**
5	Environmental impact assessment considerations - Part 2	**2**
6	Environmental impact assessment considerations - Part 3	**2**
7	Social impact assessment considerations	**2**
8	Introduction to fiscal impact assessment considerations	**2**
9	Case study analysis - Part 1	**2**
10	Case study analysis - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Explain the impact of different aspects on the built environment. (K1-h)	Direct Learning (Lecture)	Written Exam
1.2	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Assignments & Tasks

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Continuous Assessment (Assignments, Tasks, etc.)	1 to 10	40%
2	Continuous Assessment (Assignments, Tasks, etc.)	5	20%
3	Continuous Assessment (Assignments, Tasks, etc.)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Nijkamp, P. et al. (2013). Multicriteria evaluation in physical planning. North-Holland. Alexander, E., & Haughton, P. (2016). Evaluation in Planning. Taylor and Francis.
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

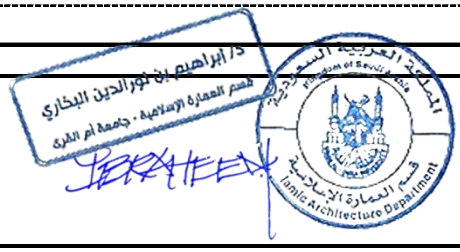
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Professional Practice of Planning**
Code:	**ARC 4367**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others
b. Required	●	Elective			

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**2**	100%
2	**Blended**	**0**	0%
3	**E-learning**	**0**	0%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of urban planning profession in Saudi Arabia. The course includes a review to the responsibility of urban planner in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of urban planning.

2. Course Main Objectives

The course aims at the students to: Identify the professional ethics and responsibilities related to the built environment. Identify the relevant laws, rules and legislations that regulate the built environment. Apply the knowledge of professional and regulatory requirements. Demonstrate responsibility for self-learning and continuing personal and professional development.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	**K3**
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	**K3**
	2. Skills	
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	**S1**
	3. Values	
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	An introduction to the state of urban planning professional practice	**2**
2	The professional role of the urban planner	**2**
3	Competencies of an urban planner	**2**
4	Ethics in urban planning profession	**2**
5	Regulations and rules that govern the professional practice	**2**
6	Practicing the urban planning profession in Saudi Arabia	**2**
7	Principles for administering urban planning or consulting offices	**2**
8	Successful management of an urban planning office	**2**
9	Portfolio preparation	**2**
10	Writing of curriculum vitae (CV)	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Identify the professional ethics and responsibilities related to the built environment. (K3-a)	Direct Learning (Lecture)	Written Exam
1.2	Identify the relevant laws, rules and legislations that regulate the built environment. (K3-b)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Apply the knowledge of professional and regulatory requirements. (S1-g)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate responsibility for self-learning and continuing personal and professional development. (V2-b)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Saudi building code National committee (2018). The Saudi building code general 201.
	Unwin, R. (2020). Town planning in practice. [publisher not identified].
Essential References Materials	American Institute of Architects. (2017). The architecture student's handbook of prof. practice. Wiley.
	Piven, P. (2008). Architect's essentials of starting, assessing, and transitioning a design firm. Wiley.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	Equipped classroom
Technology Resources	Data show projector
	Internet connection
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

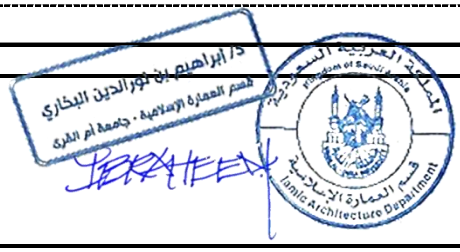
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Elective
Courses

مقررات
إختيارية

هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Urban Indicators**
Code:	**ARC 3451**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP40 ** Elective Course 1: Urban Planning

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E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Urban indicators are either a quantitative or qualitative measure that gives information about a topic or issue related to urban activities. This course places emphasis on the twenty key areas of the Habitat Agenda at the city level. It comprises shelter, social, environmental and governance indicators.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	The data collection process	**2**
3	The urban agglomeration's boundaries definition	**2**
4	Shelter indicators - Part 1	**2**
5	Shelter indicators - Part 2	**2**
6	Social development indicators	**2**
7	Environmental management indicators - Part 1	**2**
8	Environmental management indicators - Part 2	**2**
9	Economic development indicators	**2**
10	Governance indicators	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Habitat. (2004). Urban Indicators Guidelines. UN. Wong, C. (2011). Indicators for urban and regional planning. Routledge.
Essential References Materials	Phillips, R. (2017). Community Indicators Measuring Systems.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

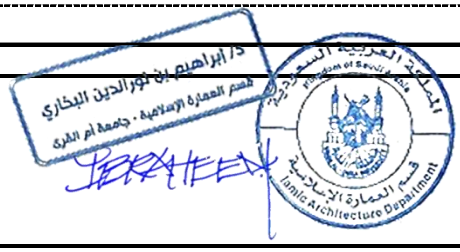
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

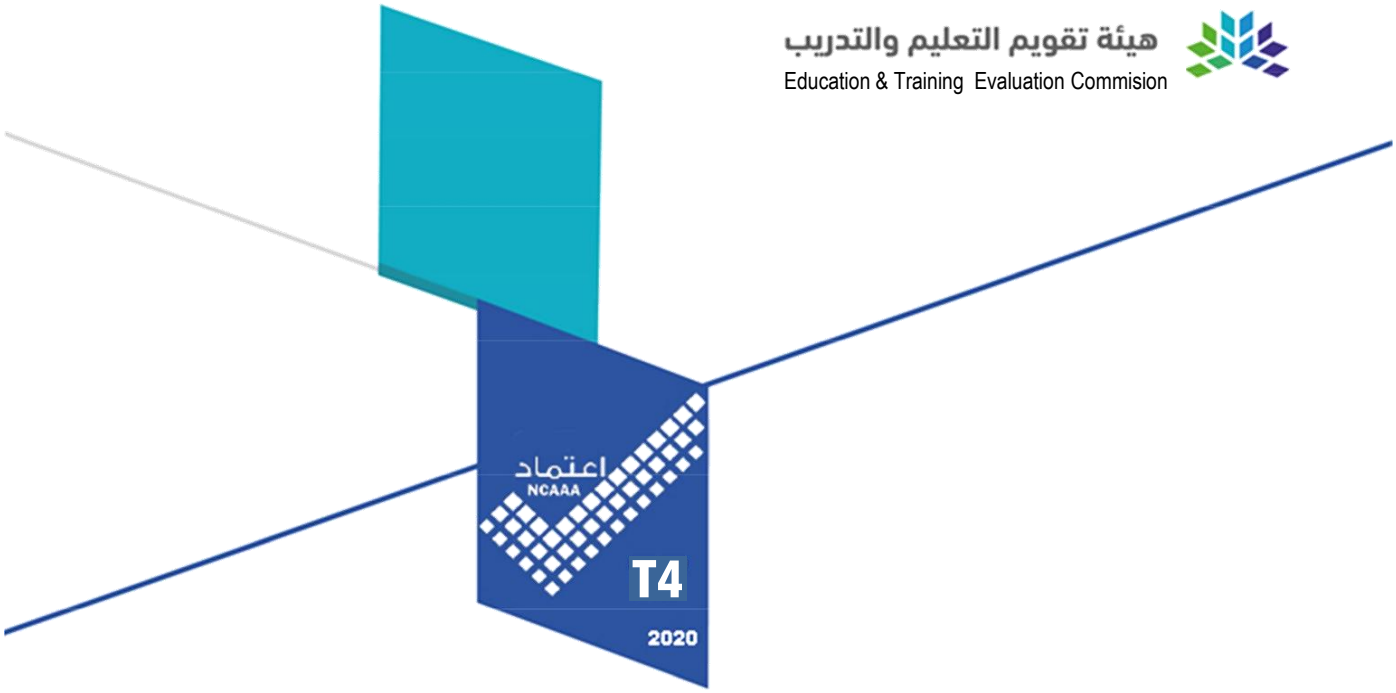
Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:





Course Specifications

Course Title:	**Technology and Desert Development**
Code:	**ARC 3452**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP41 ** Elective Course 1: Urban Planning

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1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**
4. Pre-requisites for this course (if any)**:**							
ARC 3052 Urban Planning Studio2: Residential District							
5. Co-requisites for this course (if any)**:**							
None							

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course focuses on the desert development and technology in Saudi's arid lands. The course covers four themes: (1) Understanding the desert environment; its characteristics, obstacles, and potentialities, (2) Examining the role of development technology in facilitating desert settlement, (3) Critical review of desert development practices in the world, the Middle East Region and in the KSA, and (4) Proper planning strategies for settling the desert.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Understanding the desert environment	**2**
3	Characteristics, obstacles, and potentialities of desert environment	**2**
4	Development technology and desert settlements	**2**
5	Development technology and desert settlements - Part 1	**2**
6	Desert development practices in the world - Part 2	**2**
7	Desert development practices in the Middle East Region	**2**
8	Desert development practices in Saudi Arabia	**2**
9	Planning strategies for settling the desert - Part 1	**2**
10	Planning strategies for settling the desert - Part 2	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Malloy, R. (2013). Design with the Desert. Taylor & Francis. Gradus, Y. (1985). Desert Development: Man and Technology. D. Reidel Pub. Co.
Essential References Materials	Gibbs, J. (2017). Planning and Development in the Desert Southwest. Arizona.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

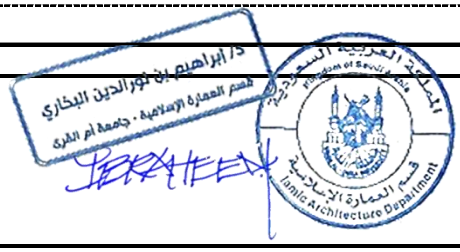
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Urban Development in Saudi Arabia**
Code:	**ARC 3453**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP42 ** Elective Course 1: Urban Planning

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F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2** Credit Hours						
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**4**	Level	**12**

4. Pre-requisites for this course (if any)**:**

ARC 3052 Urban Planning Studio2: Residential District

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

Traditionally, Saudi cities have received great attention from the government, evident in the nurturing of the growth in urbanization and provision of a well-established physical infrastructure. Nevertheless, cities under Saudi Vision 2030 will be both attraction and catalyst for tremendous interventions and experimentations. This course discusses history of urban development in Saudi Arabia and the contemporary vision of development.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	History of short and medium-term country-wide plans - Part 1	**2**
3	History of short and medium-term country-wide plans - Part 2	**2**
4	Introduction to Saudi vision 2030	**2**
5	Vision 2030: Quality of life in cities program	**2**
6	Vision 2030: Doyof Al Rahman program	**2**
7	Vision 2030: Housing program	**2**
8	Case study analysis - Part 1	**2**
9	Case study analysis - Part 2	**2**
10	Case study analysis - Part 3	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Dept. of Housing and Urban Development. (1977). Housing and urban development in KSA.
	Maneval, S. (2019). The Architecture of Public and Private Space in Jeddah, Saudi Arabia. UCL Press.
Essential References Materials	SALIBA, R. (2021). Urban design in the Arab world. Routledge.
	Al-Ankary, K., & Bushra, e. (1989). Urban and rural profiles in Saudi Arabia. G. Borntraeger.
	Al-Sedairy, S. (1985). Urban design and community development in Saudi Arabia. Tihama.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

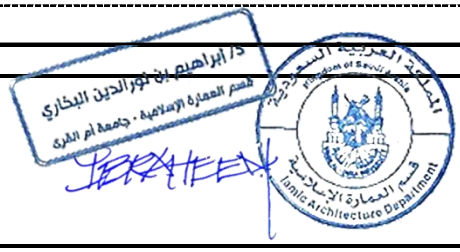
Evaluation Areas / Issues	Evaluators	Eval. Methods	
Effectiveness of teaching strategy	Students	Indirect	(Questionnaire)
Effectiveness of evaluation system	Students	Indirect	(Questionnaire)
Quality of learning resources	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Students	Indirect	(Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct	(Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct	(Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Selected Topics in Urban Planning**
Code:	**ARC 4461**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP43 ** Elective Course 2: Urban Planning

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2. Facilities Required 6

G. Course Quality Evaluation 6

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A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. This course offers opportunity for study of advanced urban planning topics tailored to fit the requirements of student in a senior standing.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the course	**2**
2	Syllabus varies on yearly basis	**2**
3	Syllabus varies on yearly basis	**2**
4	Syllabus varies on yearly basis	**2**
5	Syllabus varies on yearly basis	**2**
6	Syllabus varies on yearly basis	**2**
7	Syllabus varies on yearly basis	**2**
8	Syllabus varies on yearly basis	**2**
9	Analysis of case studies	**2**
10	Analysis of case studies	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	References vary on yearly basis
Essential References Materials	
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

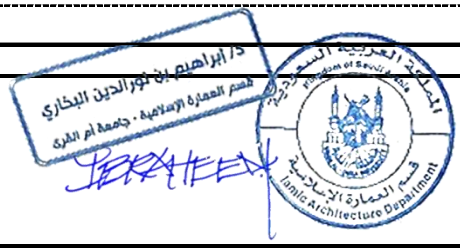
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



Course Specifications

Course Title:	**Advanced Topics in Urban Transportation**
Code:	**ARC 4462**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP44 ** Elective Course 2: Urban Planning

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A. Course Identification

1. Credit hours: **2** Credit Hours

2. Course type

a. University		College		Department	●	Others	
b. Required		Elective	●				

3. Level/year at which this course is offered: Year **5** Level **15**

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

A seminar course aims to fill in any gaps in the curriculum of urban transportation planning. The course defines the advanced topics in urban transportation such as sustainability, transportation economy, transportation modeling, transportation policies, street scape and further issues of significance, concentrations and new trends. The course also includes applications of special techniques in urban transportation.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction	**2**
2	Transportation economy	**2**
3	Transportation modeling	**2**
4	Transportation policies	**2**
5	Street scape and further	**2**
6	Sustainability	**2**
7	CO2	**2**
8	Supply chain and logistics	**2**
9	Urban regulations	**2**
10	Transportation in Hajj	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	Self–Learning	Direct Observation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Cont. Assess. (Assignments, Tasks, Direct Observation, etc.)	1 to 10	40%
2	Mid-Term Exam (Written Exam)	5	20%
3	Final Exam (Written Exam)	11	40%

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

a. An academic advisor is assigned for each student (meetings are announced at the beginning of the semester).
b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Woldeamanuel, M. (2016). Concepts in urban transportation planning. McFarland & Company. Small, K., & Verhoef, E. (2007). The economics of urban transportation. Routledge.
Essential References Materials	Morimoto, A. (2022). City and transportation planning. Routledge.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

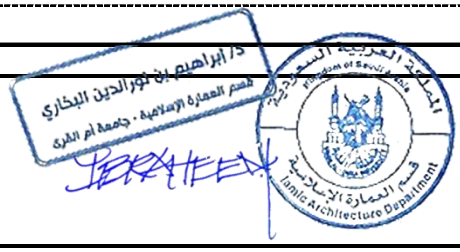
Evaluation Areas / Issues	Evaluators	Eval. Methods
Effectiveness of teaching strategy	Students	Indirect (Questionnaire)
Effectiveness of evaluation system	Students	Indirect (Questionnaire)
Quality of learning resources	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Students	Indirect (Questionnaire)
Extent of achievement of CLOs	Faculty member	Direct (Results analysis)
Effectiveness of evaluation system	Peer reviewer	Direct (Results analysis)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation) Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:



هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commision

Course Specifications

Course Title:	**Planning Decision-Making Systems**
Code:	**ARC 4463**
Program:	**Bachelor of Architecture and Planning**
Track:	**(Urban Planning)**
Department:	**Islamic Architecture**
College:	**College of Engineering and Islamic Architecture**
Institution:	**Umm Al-Qura University**

* UP45 ** Elective Course 2: Urban Planning

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2. Assessment Tasks for Students 5

E. Student Academic Counseling and Support 5

F. Learning Resources and Facilities 6

1.Learning Resources 6

2. Facilities Required 6

G. Course Quality Evaluation 6

H. Specification Approval Data 6

A. Course Identification

1. Credit hours:	**2**	Credit Hours					
2. Course type							
a. University		College		Department	●	Others	
b. Required		Elective	●				
3. Level/year at which this course is offered:				Year	**5**	Level	**15**

4. Pre-requisites for this course (if any)**:**

ARC 4055 Graduation Project Studio 1: Urban Planning

5. Co-requisites for this course (if any)**:**

None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional Classroom / Studio**	**0**	0%
2	**Blended**	**0**	0%
3	**E-learning**	**2**	100%
4	**Distance learning**	**0**	0%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	**20**
2	**Practical**	**0**
3	**Studio**	**0**
4	**Research**	**0**
5	**Training**	**0**
	Total	**20**

B. Course Objectives and Learning Outcomes

1. Course Description

The course presents state of the art knowledge about Decision-Making Support Systems (DMSS). Its main goals are to help diffuse knowledge about effective methods and strategies for successfully designing, developing, implementing, and evaluating decision-making support systems, and to create awareness about the relevance of decision-making support systems in the current dynamic management environment.

2. Course Main Objectives

The course aims at the students to: Demonstrate an understanding of wide range of specialized knowledge related to the built environment. Independently seek information and use it appropriately. Communicate effectively with others. Demonstrate self-discipline and punctuality. Demonstrate persistence on achievement and distinction.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
	1. Knowledge and Understanding	
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	**K1**
	2. Skills	
2.1	Independently seek information and use it appropriately. (S3-a)	**S3**
2.2	Communicate effectively with others. (S5-a)	**S5**
	3. Values	
3.1	Demonstrate self-discipline and punctuality. (V1-a)	**V1**
3.2	Demonstrate persistence on achievement and distinction. (V2-d)	**V2**

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to decision-making systems	**2**
2	From human decision making to DMSS architecture	**2**
3	Categorizing decision support systems	**2**
4	An architecture for the integration of decision making support functionalities	**2**
5	Spatial decision support systems	**2**
6	Procedural cuing using an expert support system	**2**
7	Innovative features in a distributed decision-support system	**2**
8	Analysis platform for enhancing management decision process	**2**
9	Evacuation planning and spatial decision making	**2**
10	Decision making support systems: Achievements, challenges and opportunities	**2**
Total	None	**20**

Comment:

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	1. Knowledge and Understanding		
1.1	Demonstrate an understanding of wide range of specialized knowledge related to the built environment. (K1-k)	Direct Learning (Lecture)	Written Exam
	2. Skills		
2.1	Independently seek information and use it appropriately. (S3-a)	Self–Learning	Eval. of Research
2.2	Communicate effectively with others. (S5-a)	Self–Learning	Eval. of Research
	3. Values		
3.1	Demonstrate self-discipline and punctuality. (V1-a)	Self–Learning	Direct Observation
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b. Each faculty member has four office hours per week during which he should be present in his office.
c. Students are encouraged to visit the faculty member in his office or contract him through other official means of communication.
d. Students who need further assistance may refer to the Head of Department.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Mora, M., Forgionne, G., & Gupta, J. (2003). Decision making support systems. Idea Group Pub.
	Perdicoulis, A. (2010). Systems thinking & decision making in urban and env. planning. Edward Elgar.
Essential References Materials	الدسوقي، عارف. (1991). نظم المعلومات و دعم القرارات التخطيطية. الاتحاد العربي للمكتبات و المعلومات.
Electronic Materials	Websites on the internet that are relevant to the topics of the course.
Other Learning Materials	Multimedia associated with the text book and the relevant websites.

2. Facilities Required

Accommodation	None
Technology Resources	Internet connection
	Powerful computer/ laptop
Other Resources (Specify, e.g. if specific lab. equipment is required)	None

G. Course Quality Evaluation

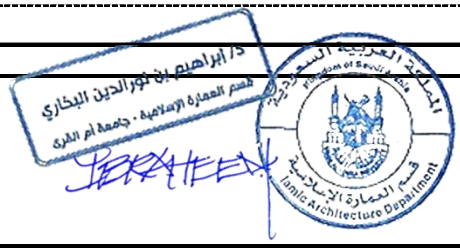
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Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

H. Specification Approval Data

Council / Committee	Academic Programs Preparation Committee (Program Transformation)
	Department of Islamic Architecture Council
Reference No.	16/1443
Date	2-11-1443

Comments:

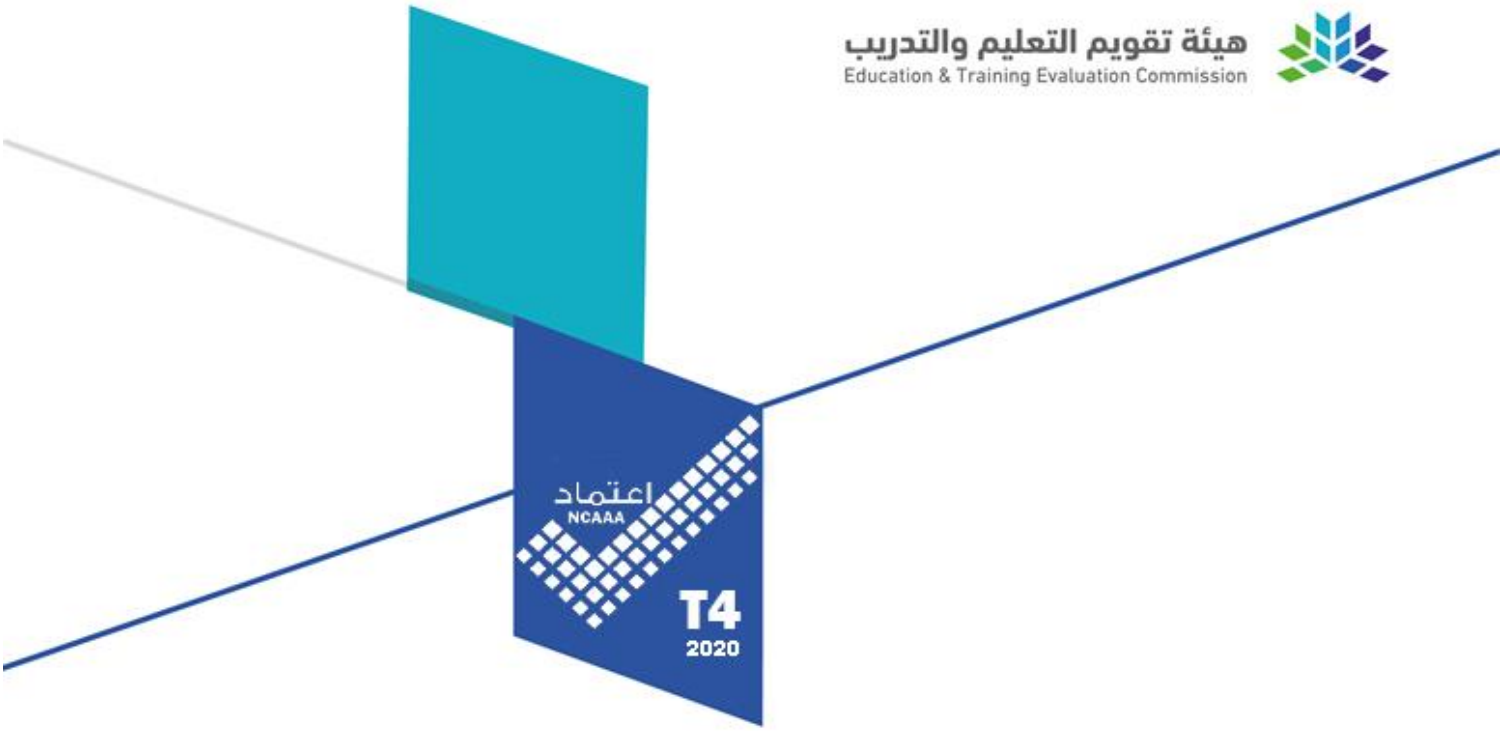


General Elective

Courses

مقررات

إختيارية عامة



توصيف المقرر الدراسي

اسم المقرر:	مقدمة في الذكاء الاصطناعي
رمز المقرر:	AI 2001
البرنامج:	Bachelor of Architecture and Planning
القسم العلمي:	**علوم الحاسب الآلي**
الكلية:	**الحاسب الآلي ونظم المعلومات**
المؤسسة:	**جامعة ام القرى**

المحتويات

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١. الساعات المعتمدة: ٣

٢. نوع المقرر ٣

٣. المتطلبات السابقة لهذا المقرر ٣

٤. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) ٣

٥. نمط الدراسة (اختر كل ما ينطبق) ٣

٦. ساعات الاتصال (على مستوى الفصل الدراسي) ٣

ب- هدف المقرر ومخرجاته التعليمية: ٣

١. الوصف العام للمقرر: ٣

٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

د. التدريس والتقييم: ٤

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٤

٢. أنشطة تقييم الطلبة ٥

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: ٥

و – مصادر التعلم والمرافق: ٥

١. قائمة مصادر التعلم: ٥

٢. المرافق والتجهيزات المطلوبة: ٦

ز. تقويم جودة المقرر: ٦

ح. اعتماد التوصيف ٦

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة: ٢

٢. نوع المقرر

أ. متطلب جامعة [✓] متطلب كلية [ ] متطلب قسم [ ] أخرى [ ]

ب. إجباري [ ] اختياري [✓]

٣. المتطلبات السابقة لهذا المقرر

التقنية الرقمية (متطلب جامعة)

٤. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

٥. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني	✓	١٠٠٪
4	التعليم عن بعد	✓	١٠٠٪
5	أخرى		

٦. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات	٢٠ ساعة
٢	معمل أو إستوديو	
٣	دروس إضافية	
٤	أخرى (تذكر)	
	الإجمالي	٢٠ ساعة

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر:

هذا المقرر يقدم للطالب الثقافة المعرفية اللازمة في مجال الذكاء الاصطناعي من خلال التعرف على المفاهيم الأساسية للذكاء الاصطناعي. وكيفية بناء تطبيقات الذكاء الاصطناعي التي تقدم حلول تخدم المجتمع. بإضافة إلى توضيح استخدامات الذكاء الاصطناعي في مجالات متعددة مثل (خدمة ضيوف الرحمن، التعليم، صحة، تجارة، صناعة ..... وغيرها).

٢. الهدف الرئيس للمقرر

يهدف هذا المقرر إلى تطوير معرفة المتعلم في مجال الذكاء الاصطناعي وكيفية فهم وتطبيق المبادئ الاساسية للذكاء الاصطناعي لتطوير حلول تخدم مجالات تخصص الطلبة وتعريف الطالب بالاستراتيجية الوطنية للمملكة في البيانات والذكاء الاصطناعي.

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	القدرة على شرح المفاهيم الأساسية للذكاء الاصطناعي	

رمز مخرج التعلم المرتبط للبرنامج	مخرجات التعلم للمقرر	
	القدرة على التعرف على تطبيقات الذكاء الاصطناعي	١,٢
	القدرة على ربط تطبيقات الذكاء الاصطناعي بتحديات الحياة اليومية	١,٣
	المهارات	٢
	اكتساب القدرة على التمييز بين الأدوات المستخدمة لبناء تطبيقات الذكاء الاصطناعي	٢,١
	القيم	٣
	تقدير فوائد الذكاء الاصطناعي في تسهيل الأمور الحياتية	٣,١
	تقدير الجوانب الأخلاقية لاستخدام الذكاء الاصطناعي	٣,٢

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
١	التعريف بمعنى الذكاء الاصطناعي والتطرق لنشأة وتطور الذكاء الاصطناعي	٢
٢	استراتيجية المملكة الوطنية للبيانات والذكاء الاصطناعي	٢
٣	مفاهيم الذكاء الاصطناعي والتفريق بين تعلم الآلة والتعليم العميق	٢
4	كيفية عمل التقنيات المستخدمة في تطبيقات الذكاء الاصطناعي	٢
5	أدوات تطوير تطبيقات الذكاء الاصطناعي	٤
6	تطبيقات الذكاء الاصطناعي في القطاعات المختلفة (التعليم، صحة، تجارة، صناعة .....و غيرها)	٤
7	تأثير الذكاء الاصطناعي في الحياة اليومية	٢
8	الجوانب الأخلاقية لاستخدام الذكاء الاصطناعي	٢
	المجموع	٢٠

د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
١,٠	**المعرفة والفهم**		
١,١	القدرة على شرح المفاهيم الأساسية للذكاء الاصطناعي	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس وخارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية
١,٢	القدرة على التعرف على تطبيقات الذكاء الاصطناعي	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس وخارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية
١,٣	القدرة على ربط تطبيقات الذكاء الاصطناعي بتحديات الحياة اليومية	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس و خارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية
٢,٠	**المهارات**		
٢,١	اكتساب القدرة على التمييز بين الأدوات المستخدمة لبناء تطبيقات الذكاء الاصطناعي	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس و خارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
٣,٠	**القيم**		
٣,١	تقدير فوائد الذكاء الاصطناعي في تسهيل الأمور الحياتية	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس وخارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية
٣,٢	تقدير الجوانب الأخلاقية لاستخدام الذكاء الاصطناعي	محاضرات، قراءات وتعلم ذاتي، التدريبات والانشطة أثناء الدرس وخارجه، المواقع والأدوات المتوفرة عبر شبكة الانترنت	الاختبارات الإلكترونية والواجبات عبر منصة التعليم الالكترونية

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
١	المشاركة	١-١٠	٥٪
٢	اختبارات سريعة	١-١٠	١٠٪
٣	واجبات	١-١٠	١٥٪
٤	اختبار تحريري نصفي	٥-٦	٢٠٪
٥	اختبار تحريري نهائي	١١-١٢	٥٠٪

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

يتم تخصيص ساعات مكتبية أسبوعية بمعدل ساعة أسبوعيا على الأقل
إرشاد الطالب إلى بعض المواقع الإلكترونية للإفادة منها. عقد حلقات نقاش بحثية يتم من خلالها شرح وتحليل بعض تطبيقات الذكاء الاصطناعي المستخدمة في حياتنا اليومية من خلال تطبيقات الأجهزة الذكية.

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	المحتوى الالكتروني للمقرر
المراجع المساندة	Nell Dale, John Lewis, (2020) Computer Science Illuminated, 7th Edition, Jones & Bartlett Learning. Artificial Intelligence – A Modern Approach (3rd Edition) By Stuart Russell & Peter Norvig. Artificial Intelligence for Humans, Volume 1: Fundamental Algorithms. ByJeff Heaton.
المصادر الإلكترونية	/https://teachablemachine.withgoogle.com /https://monkeylearn.com Orange Data Mining - Data Mining
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	معامل افتراضية نظام تعلم الكتروني
تجهيزات أخرى (تبعاً لطبيعة التخصص)	

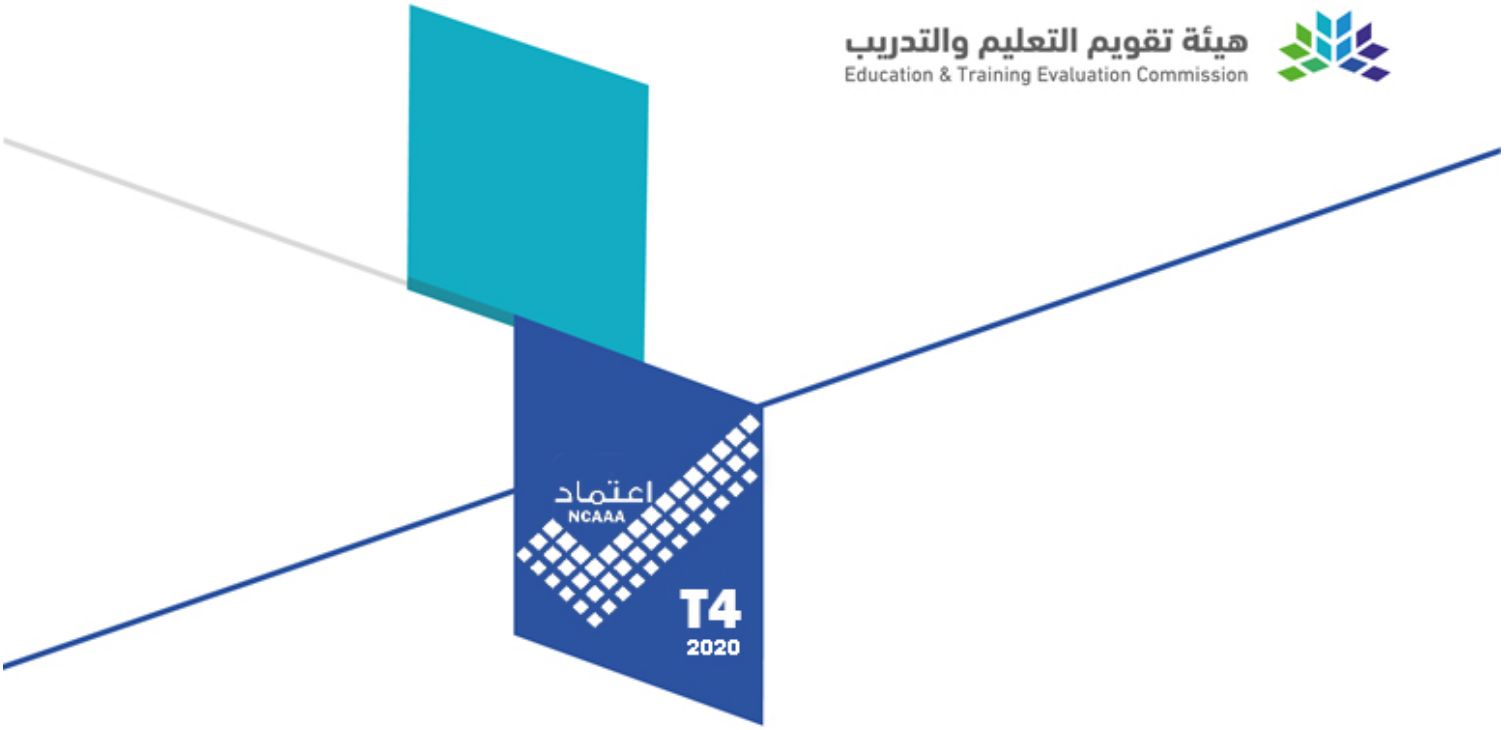
ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	الطلبة	غير مباشر (استبانات)
فاعلية طرق تقييم الطلاب	المراجع النظير	غير مباشر (استبانات)
مدى تحصيل مخرجات التعلم للمقرر	أعضاء هيئة التدريس	مباشر
مصادر التعلم	المراجع النظير	مباشر أو غير مباشر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	مجلس القسم
رقم الجلسة	
تاريخ الجلسة	



توصيف المقرر الدراسي

اسم المقرر:	مدخل لصناعة السياحة
رمز المقرر:	
البرنامج:	Bachelor of Architecture and Planning
القسم العلمي:	إدارة السياحة والفندقة
الكلية:	إدارة الإعمال
المؤسسة:	جامعة ام القرى

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 4

ج. موضوعات المقرر 4

د. التدريس والتقييم: 4

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم..... 4
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 5

و – مصادر التعلم والمرافق: 6

1. قائمة مصادر التعلم: 6
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 6

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة: 2 ساعة معتمدة

2. نوع المقرر

أ. متطلب جامعة ■ متطلب كلية ☐ متطلب قسم ☐ أخرى ☐

ب. إجباري ☐ اختياري ■

3. السنة / المستوى الذي يقدم فيه المقرر:

الثالثة / السابعة

4. المتطلبات السابقة لهذا المقرر (إن وجدت)

لا يوجد

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

لا يوجد

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية	18	%82
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	4	%18
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	22
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	22

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

تزداد اهمية صناعة السياحة كل يوم لما تمثلة من جزء اصيل في الدخل القومي لأغلب الدول حول العالم وللتطورات المتلاحقة في المجال حتى أصبحت ثالث أكبر صناعة على مستوى العالم بنسبة 10% من اجمالي الناتج الإجمالي العالمي، وتوظف يعادل 10% من اجمالي الوظائف على مستوى العالم. ويستمد هذا المقرر اهميته من كون السياحة ركيزة أساسية في رؤية المملكة 2030. واهمية ما فيه من قطاعات أخرى مثل قطاع الضيافة جزء أصيل في الثقافة والشخصية السعودية ومستمدة من شرف خدمة ضيوف الرحمن التي توارثناها جيلا بعد جيل، وقطاع المطاعم الذي يمثل أهمية بالغة على اقتصادات الدول وخصوصا في المملكة العربية السعودية الغنية بتنوع اطعمتها واطباقها المستمدة من تنوع ثقافتنا، وقطاع الفعاليات الذي يشكل مطلب رئيسي لتعزيز جودة الحياة للمواطن والمقيم على ارض المملكة. بالإضافة إلى السعي المستمر من الجهات والهيئات السعودية المختلفة للتطوير وتقديم اعلى المستويات العالمية في الخدمات لضيوف الرحمن. مع ما تشهده المملكة من مشروعات عملاقة متلاحقة لا تتوقف وحدها السماء.

2. الهدف الرئيس للمقرر

يهدف المقرر إلى تقديم المعارف الاساسية المتعلقة بالعمل في صناعة السياحة. مما يؤهل الطالب للتعرف على المكونات الرئيسية لهذه الصناعة المهمة، وحاجة الدول للاستفادة منها في تنمية اقتصاداتها وخلق فرص وظيفية لأبنائها، وفهم المستجدات الدولية المتعلقة بهذه الصناعة وما تتضمنها من قطاعات مختلفة مثل قطاع الضيافة، قطاع النقل، قطاع الفعاليات وموارد الجذب السياحي وقطاع التجزئة.

3. 3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	التعرف على انواع السياحة ومفاهيمها والمحفزات الأساسية وسلوك السائح	
1.2	التعرف على أنواع المنظمات المحلية والعالمية التي تدير وتشرف على قطاع السياحة	
1.3	التعرف على صناعة الضيافة وما تتضمنه من قطاعات أخرى مثل الفنادق والمطاعم والمقاهي وقطاع الاعاشة	
1.4	التعرف على صناعة الفعاليات وانواعها وخصائصها وكيفية إدارتها وتسويقها	
1.5	التعرف عناصر صناعة السياحة والضيافة في المملكة العربية السعودية	
1.6	التعرف على مقومات الجذب السياحي في مناطق المملكة العربية السعودية	
1.7	تطوير برنامج سياحي به مكونات مختلفة من صناعة الضيافة وآليات العمل السياحي	
2	**المهارات**	
2.1	عمل عروض عن الاتيكيت والبروتوكول اخلاقيات ممارسة المهنة	
2.2	كتابة بحث عن صناعة الضيافة والسياحة	
3	**القيم**	
3.1	تحقيق المعارف الأساسية لصناعة السياحة واهميتها الاقتصادية والثقافية والاجتماعية للدول وليكون متلقي هذا المقرر من طلاب وطالبات عنصر فاعل في المجتمع وتنميته.	

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدمة لصناعة السياحة.	2
2	مفهوم السياحة والنظريات السياحية المختلفة	2
3	الانماط السياحية ومقومات الجذب السياحي	2
4	اهم أنواع السياحة وطرق الاستفادة منها في اقتصاد الدول	2
5	المنتج السياحي وموارد الجذب السياحي في المملكة واهميتها الاقتصادية	2
6	التنمية السياحية المستدامة	2
7	أعمال شركات السياحة والسفر	2
8	مقدمة لصناعة الضيافة وانواع المنشئات الفندقية	2
9	انواع المطاعم وخدمات الاعاشة وطرق تقديم الخدمة	2
10	إدارة الفعاليات	2
11	اخلاقيات العمل والسفر في مجال السياحة والضيافة	2
	المجموع	22

د. التدريس والتقييم:

4. 1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	التعرف على مفهوم السياحة والسائح واهميتها الاقتصادية والثقافية والاجتماعية وبعض النظريات الاساسية	المحاضرات التفاعل خلال المحاضرات العروض التفاعلية	الاختبارات القصيرة الاختبارات النهائية البحث العرض
1.2	التعرف على اهم قطاعات السياحة مثل قطاع الضيافة والفعاليات والنقل وقطاع التجزئة	المحاضرات التفاعل خلال المحاضرات العروض التفاعلية	الاختبارات القصيرة الاختبارات النهائية البحث العرض
1.3	التعرف على المنتج السياحي وموارد الجذب عالميا وفي المملكة العربية السعودية	المحاضرات التفاعل خلال المحاضرات	الاختبارات النهائية البحث

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
		العروض التفاعلية	العرض
1.4	التعرف على صناعة الضيافة بجميع قطاعتها وطرق الخدمة والتعامل مع العملاء	المحاضرات التفاعل خلال المحاضرات العروض التفاعلية	الاختبارات النهائية البحث العرض
1.5	التعرف على قطاع الفعاليات بجميع أنواعها واشكالها وطرق ادارتها وتسويقها	المحاضرات التفاعل خلال المحاضرات العروض التفاعلية	الاختبارات النهائية البحث العرض
1.5	التعرف على اهم الأسس الأخلاقية في العمل في قطاع السياحة وأيضا اخلاقيات السائح عند سفره لاي وجهة سياحية	المحاضرات التفاعل خلال المحاضرات العروض التفاعلية	الاختبارات النهائية البحث العرض
2.0	**المهارات**		
2.1	مهارة كتابة الأبحاث وتقديم العروض المرئية	التفاعل خلال المحاضرات العروض التفاعلية	البحث العرض
2.2	مهارة العمل الجماعي من خلال كتابة مشاريع مشتركة	التفاعل خلال المحاضرات	البحث
3.0	**القيم**		
3.1	المثابرة والإصرار لتحقيق النجاح والتميز	التفاعل خلال المحاضرات العروض التفاعلية	البحث العرض
3.2	الحرص على نجاح الجميع من خلال العمل الجماعي	التفاعل خلال المحاضرات العروض التفاعلية	البحث العرض
3.3	الايمان بان العمل الجاد هو ما تقوم عليه الامم	التفاعل خلال المحاضرات العروض التفاعلية	البحث العرض

5. 2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	حضور وغياب ومشاركات أو اختبارات قصيرة (كويز)	جميع الأسابيع	%10
2	الاختبار النصفي	7 - 6	%20
3	بحث جماعي	10	%20
4	عرض تقديمي	11	%10
5	الاختبار النهائي	13	%40

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

يتمتع كل طالب بجامعة ام القرى عبر المنظومة الاكاديمية بمرشد أكاديمي محدد له في المنظومة ودعم ومتابعة من رئيس القسم المقدم لهذا المقرر. ويتاح عضو هيئة التدريس المدرس للمقرر لمدة نصف ساعة اسبوعياً بمكتبة للقاء الطلاب أو عن طريق البلاكبورد او الويبيكس لتقديم لهم الدعم والارشاد الأكاديمي.

و – مصادر التعلم والمرافق:

6. 1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	مدخل إلى السياحة والسفر والطيران – أ. حميد الطائي – تاريخ النشر 2022/2/4 – الناشر: مؤسسة الوراق للنشر والتوزيع
المراجع المساندة	مبادئ صناعة الضيافة – أ. يوسف محمد حافظ حماقي – تاريخ النشر 2019/1/1 الناشر: دار الكتاب الحديث
المصادر الإلكترونية	
أخرى	اخلاقيات صناعة السياحة والضيافة – د. مصطفى يوسف كافي – تاريخ النشر 2014 الناشر: مكتبة المجتمع العربي للنشر والتوزيع

7.

8. 2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	منصة اليكترونية مثل البلاكبورد
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	برنامج البلاكبورد والويبيكس
تجهيزات أخرى (تبعاً لطبيعة التخصص)	غير مطلوب

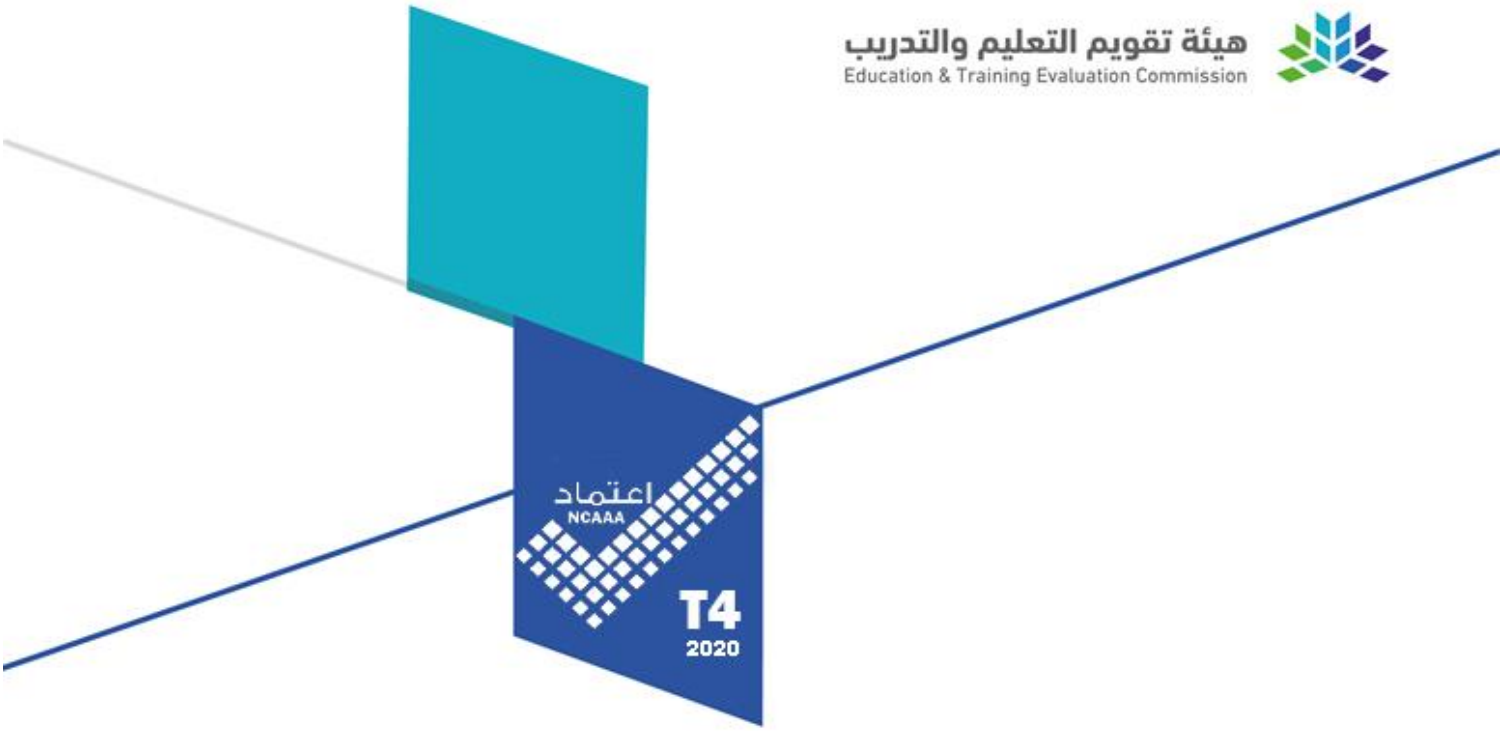
ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
مدى تحصيل مخرجات التعلم للمقرر	لجنة الجودة بقسم إدارة السياحة والفندقة	نتائج الاستبيان مع الطلاب نتائج الطلاب مراجعات لجنة الجودة
فاعلية التدريس	الطلاب	استبيانات أراء الطلاب

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	قسم إدارة السياحة والفندقة
رقم الجلسة	
تاريخ الجلسة	



توصيف المقرر الدراسي

اسم المقرر:	ريادة الأعمال والابتكار
رمز المقرر:	
البرنامج:	**Bachelor of Architecture and Planning**
القسم العلمي:	**إدارة الأعمال**
الكلية:	**إدارة الأعمال**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 3

ج. موضوعات المقرر 4

د. التدريس والتقييم: 5

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 5
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 6

و – مصادر التعلم والمرافق: 6

1. قائمة مصادر التعلم: 6
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 6

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة:

2. نوع المقرر

أ. متطلب جامعة [√] متطلب كلية [ ] متطلب قسم [ ] أخرى [ ]

ب. إجباري [ ] اختياري [√]

3. السنة / المستوى الذي يقدم فيه المقرر

4. المتطلبات السابقة لهذا المقرر (إن وجدت)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	2	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يسعى المقرر إلى تمكين الطلاب بالمعارف والمهارات اللازمة والتي تؤهله إلى توليد الأفكار الإبداعية وتحويلها الى مشاريع تطبيقية وفق قواعد وأسس انشاء المشاريع الريادية الناجحة.

2. الهدف الرئيس للمقرر

يهدف هذا المقرر الحيوي إلى مساعدة الطلاب على التعرف على المفاهيم المتعلقة بالعمل الحر والإلمام بمبادئ وأسس ريادة الأعمال والابتكار والمنهجيات والأدوات الفعالة لتوليد الأفكار الإبداعية ثم تحويلها الى مشاريع ريادية. كما يهدف هذا المقرر إلى توجيه الطلاب إلى المساهمة في تقديم حلول مبتكرة للمشاكل الاجتماعية وتوليد فرص العمل لأبناء المجتمع من خلال المشاريع المبتكرة، إصافة إلى التميز وتحقيق العوائد المربحة. كما يركز هذا المقرر على بناء شخصية الريادي بتوضيح اهم الصفات والخصائص التي تميزه عن غيره وتمكنه من المشاركة في تحقيق النمو الاقتصادي والمشاركة في ازدهار الوطن. كما يهدف المقرر إلى تدريب الطلاب على تكوين فرق العمل وإدارتها والعمل تحت الضغط في ظل ارتفاع درجات المخاطرة.

3. مخرجات التعلم للمقرر:

مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	تعريف اساسيات ريادة الأعمال	
1.2	تحديد فرص المشاريع الريادية	
1.3	شرح كيفية إعداد خطة المشروع	
1.4	فهم أساسيات الابتكار وادواته	
1.5		
2	**المهارات**	
2.1	تحليل الأفكار القابلة للتحول الى مشاريع ريادية	
2.2	تصميم نموذج العمل	
2.3	تحليل الأفكار القابلة للتحول الى مشاريع ريادية	
3	**القيم**	
3.1	أن يبدي الطالب اهتماماً نحو السلوك الأخلاقي في إنشاء المشاريع الريادية	
3.2	أن يحترم الطالب الواجبات الوظيفية الملقة على عاتقه	
3.3	أن يزداد شعور الطالب نحو أهمية التفكير الإبداعي وتأسيس المشاريع الناشئة	
3...		

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مقدمة عن ريادة الأعمال؛ كيف يبدأ الشخص عملاً تجارياً، لمحة تاريخية موجزة عن الأعمال التجارية الريادية عالمياً ومحلياً، كيف يستفيد المجتمع من ريادة الأعمال، أنواع ريادة الأعمال، خصائص رواد الأعمال.	2
2	مقدمة عن الابتكار والفرق بينه وبين الاختراع والابداع – أنواع الابتكار – حقوق الملكية الفكرية – التفكير النقدي والإبداعي - الإبتكار في عالم الأعمال.	2
3	توليد أفكار العمل التجاري والتقييم الأوّلي لها؛ التعرف على المشكلات في السوق والتفكير في الحلول - تحديد وتحليل واختيار الفرص للأعمال التجارية من خلال الوعي باحتياجات السوق.	2
4	التحليل الخارجي للأعمال التجارية؛ تحديد الصناعة والعمال والمنافسين، إنشاء الخريطة التنافسية، الميزة التنافسية.	2
5	تطوير المنتجات والخدمات – تطوير النموذج الأولي - إعادة التمحور.	2
6	بناء فريق العمل - إدارة الموارد البشرية؛ عناصر الموارد البشرية، عملية تعيين الموظفين، وسائل الاحتفاظ بالموظفين ،الجوانب ذات الصلة بفترة تجربة الموظف وإنهاء عمله، اللوائح والقوانين للموظفين، الجوانب الفريدة للموارد البشرية داخل الأعمال التجارية العائلية.	2
7	مهام وإستراتيجية العمل؛ تطوير قائمة ملفات أصول الشركة وقدراتها، تقسيم القائمة إلى أصول عادية وأصول الفريدة، تقييم القدرة التنافسية للموارد والقدرات وبناء نموذج الأعمال.	2
8	التمويل والمحاسبة للأعمال التجارية؛ المسائل المالية الأساسية التي ينطوي عليها بدء عمل تجاري، أساسيات تمويل العمل التجاري، أهمية المحاسبة الصحيحة عند بدء عمل تجاري. التحليل المالي والتجاري للأعمال التجارية؛ التحليل المبني على الفرضيات، أهمية الأساس المالي القوي في العمل التجاري الريادي، أساليب قياس الأداء تحليل النسب والانحراف والحساسية، استطلاعات الرأي القصيرة في المجال التجاري– أنواع التمويل ومراحله - العرض على المستثمرين.	2
9	التسويق في الأعمال التجارية: أساسيات خطة التسويق، كيفية وضع نموذج تسعير، أنواع الترويج المختلفة المتوفرة للأعمال التجارية الجديدة، أساليب إدارة المبيعات.	2
10	المسائل القانونية المتعلقة بالعمل التجاري الجديد؛ الأشكال القانونية المختلفة للأعمال التجارية لتحديد أفضل تصميم للعمل التجاري الجديد المقترح، أساسيات العقود، دور عقود الإيجار في الإنشاء	2

	القانوني للعمل التجاري الجديد، أوجه استفادة الأعمال التجارية الجديدة من القوانين والقواعد واللوائح، أهمية حقوق النشر والعلامات التجارية وبراءات الاختراع للعمل التجاري الجديد، الدور الذي يلعبه التأمين في مجموعة المخاطر التي يتعرض لها العمل التجاري الجديد، كيفية تكوين مجلس استشاري ومجلس إدارة فعالَيْن.	
المجموع		

د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	شرح الأساس المنطقي وراء بدء عمل تجاري ريادي، وتحديد نوعية الأشخاص الذين ينطبق عليهم وصف رواد الأعمال وتأثير الأعمال التجارية الريادية على المجتمع عالمياً ومحلياً.	المحاضرات - المناقشات	العروض التقديمية وتكوين الفرق والتقييمات الذاتية الفردية
1.2	وصف الموارد الريادية المتاحة لرواد الأعمال	المحاضرات - المناقشات	
1.3	وصف الخطوات اللازمة لتنمية فكرة ريادة الأعمال	المحاضرات - المناقشات	
2.0	**المهارات**		
2.1	تحديد فرص ريادة الأعمال من خلال استخدام عمليات التفكير النقدي والإبداعي	المحاضرات - المناقشات	العروض التقديمية وتكوين الفرق والتقييمات الذاتية الفردية
2.2	معرفة احتياجات العملاء لإنشاء النموذج الأولي للمنتج	المحاضرات – المناقشات – مقاطع فيديو	
2.3	إنشاء وبناء العروض التقديمية وملف العرض على مستثمر	المحاضرات - المناقشات	
3.0	**القيم**		
3.1	تحليل فرص ريادة الأعمال من منظور المملكة العربية السعودية وكذلك من المنظور العالمي	المحاضرات - القراءة الموجهة	دراسة حالات
3.2	تحقق من صحة القرارات الريادية من خلال الاستفادة من آراء وملاحظات العملاء	المحاضرات - القراءة الموجهة	دراسة حالات

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	تقييم الوعي الذاتي بنقاط القوة والضعف في ريادة الأعمال - التقييم الذاتي 1	2	%5
2	تقييم نقاط القوة والضعف في التفكير النقدي والإبداعي لرواد الأعمال - التقييم الذاتي	3	%5
3	تقييم خصائص ريادة الأعمال والقدرة على العمل بفعالية في فرق ريادة الأعمال- التقييم الذاتي	4	%10
4	تحديد نقاط الضعف في السوق	5	%5
5	إختبار دوري	6	%10
6	واجبات الفريق 1: النموذج الأولي والتحقق من العميل	7	%5
7	واجبات الفريق 2: مخطط نموذج لعمل التجاري	8	%5
8	واجبات الفريق 3: العرض التقديمي النهائي على المستثمرين	10	%5
9	الإختبار النهائي	11	%50

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- تحديد أوقات الساعات المكتبية وإحاطة الطلاب بها
- تزويد الطلاب بخطة المقرر وآلية التقييم من بداية الفصل الدراسي، ومراجعتها معهم دورياً
- تتبع حالات الطلاب منخفضي الأداء وتقديم الدعم اللازم لهم

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	• "ريادة الأعمال، الفن والعلم والعمليات، والمقومات اللازمة للنجاح" تشارلز إي بامفورد وغاري دي بروتون
المراجع المساندة	الكتاب الإثرائي المصمم من قبل منشآت ويحتوي على دراسة حالات ومقالات ذات صلة بالمنهج الرئيسي
المصادر الإلكترونية	فيديوهات رقمية مصممة من قبل منشآت
أخرى	المكتبة الرقمية السعودية

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعات دراسية تناسب عدد الطلاب
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	جهاز حاسوب مزود بالانترنت، سبورة ذكية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	

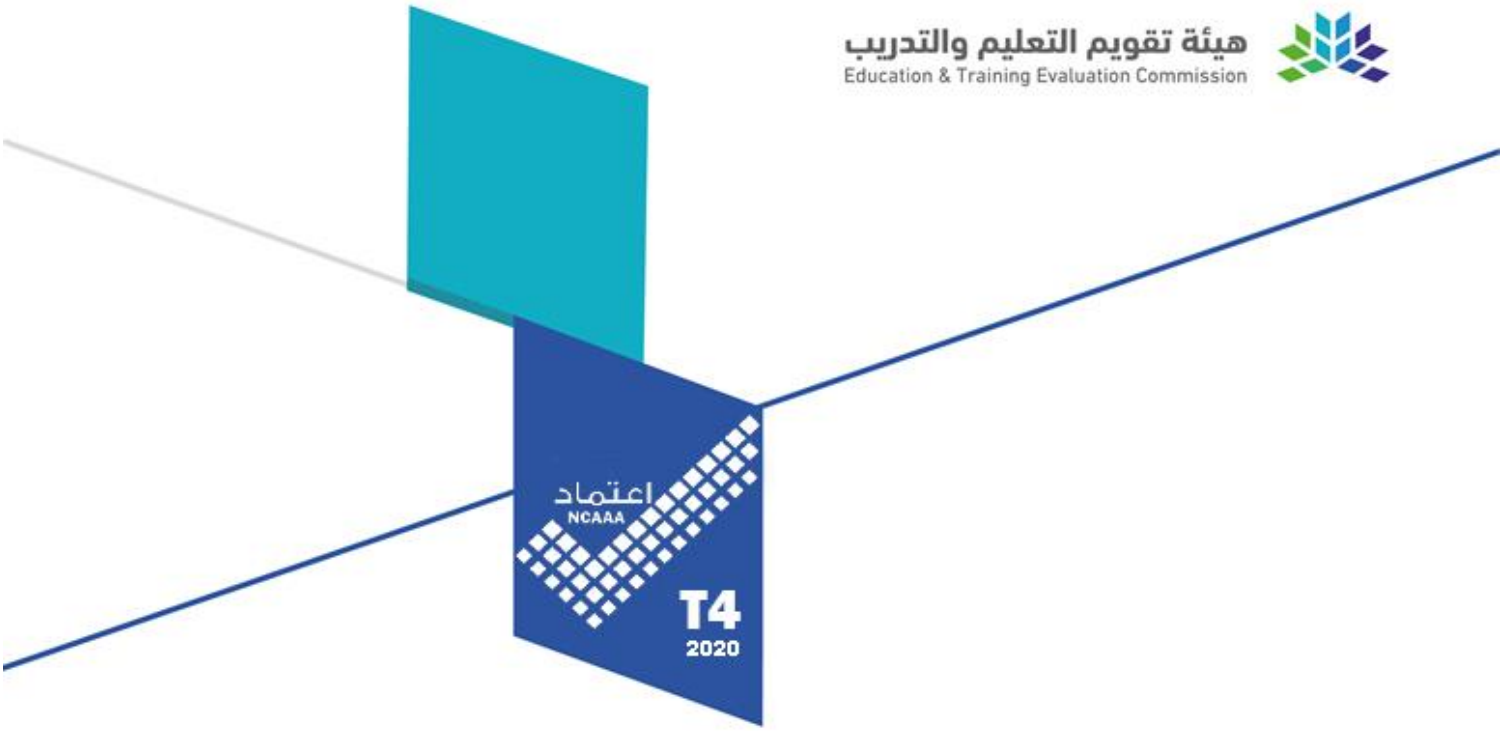
ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	الطلاب – منسق المقرر – رئيس القسم – قيادات البرنامج	استطلاعات مباشرة، وملاحظة غيرمباشرة
فاعلية طرق تقييم الطلاب	المراجع النظير - منسق المقرر – رئيس القسم – قيادات البرنامج	مباشرة: عينة عشوائية من نماذج تقييم الطلاب وأعمالهم
مدى تحصيل مخرجات التعلم للمقرر	المراجع النظير - منسق المقرر – رئيس القسم – قيادات البرنامج	مباشرة: نتائج الطلاب في الاختبارات الدورية والنهائية

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	



توصيف المقرر الدراسي

اسم المقرر:	مهارات التأهيل المهني
رمز المقرر:	
البرنامج:	**Bachelor of Architecture and Planning**
القسم العلمي:	**إدارة الأعمال**
الكلية:	**إدارة الأعمال**
المؤسسة:	**جامعة أم القرى**

المحتويات

أ. التعريف بالمقرر الدراسي: 3

ب- هدف المقرر ومخرجاته التعليمية: 3

1. الوصف العام للمقرر: 3
2. الهدف الرئيس للمقرر 3
3. مخرجات التعلم للمقرر: 4

ج. موضوعات المقرر 4

د. التدريس والتقييم: 4

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم 4
2. أنشطة تقييم الطلبة 5

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي: 5

و – مصادر التعلم والمرافق: 5

1. قائمة مصادر التعلم: 5
2. المرافق والتجهيزات المطلوبة: 6

ز. تقويم جودة المقرر: 6

ح. اعتماد التوصيف 7

أ. التعريف بالمقرر الدراسي:

1. الساعات المعتمدة:

2. نوع المقرر

أ. متطلب جامعة [√] متطلب كلية [ ] متطلب قسم [ ] أخرى [ ]

ب. إجباري [ ] اختياري [√]

3. السنة / المستوى الذي يقدم فيه المقرر

4. المتطلبات السابقة لهذا المقرر (إن وجدت)

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	2	%100
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	20
2	معمل أو إستوديو	
3	دروس إضافية	
4	أخرى (تذكر)	
	الإجمالي	20

ب- هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

المقرر يساهم في تمكين الطالب من الإلمام بالمهارات الضرورية التي تؤهله للحصول على وظيفة، وأبعد من هذا تعزيز قدراته ومهاراته لتحقيق النجاح الوظيفي في مساره المهني مستقبلاً.

2. الهدف الرئيس للمقرر

المقرر يهدف أساساً لمساعدة الطالب في بناء تصور عن شخصيته وميوله المهني، وتزويده بالمهارات والمعارف اللازمة للحصول على وظيفة أثناء الدراسة الجامعية أو بعد التخرج، وعلى كيفية الاستعداد الجيد لسوق العمل. بالإضافة إلى ذلك؛ يركز المقرر على طيف واسع من أساسيات النجاح الوظيفي في المسار المهني للطالب في وظيفته المستقبلية، وتدريبه على بناء خطة تطبيقية للتطوير المهني المستمر يستفيد منها طوال حياته المهنية، بالإضافة إلى تعريفه بأساليب تصميم الوظيفة وتعزيز الارتباط الوظيفي مع مهارات التوازن بين العمل والحياة. يهدف المقرر كذلك لتدريب الطالب على مهارات الاتصال في بيئة العمل وتزويد الطالب بمعرفة عميقة عن حقوقه وواجباته الوظيفية وأخلاقيات السلوك المهني الرشيد، بالإضافة إلى مهارات عديدة كالعمل مع فرق العمل ومهارات الإلقاء والتقديم والتعامل مع العملاء والمستفيدين.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	أن يصف/يحدد الطالب شخصيته واهتماماته ومهاراته ونقاط قوته	
1.2	أن يميز أساسيات السلوك الإنساني في بيئة العمل	
1.3	أن يذكر الطالب حقوقه وواجباته الوظيفية	
1.4		
1.5		
2	**المهارات**	
2.1	أن يستعرض الطالب مهاراته في البحث عن وظيفة	
2.2	أن يصمم الطالب سيرة ذاتية ملائمة لاحتياجات سوق العمل	
2.3	أن يصمم الطالب خطة شخصية للتطوير المهني المستمر	
3	**القيم**	
3.1	أن يبدي الطالب اهتماماً نحو السلوك الأخلاقي في العمل	
3.2	أن يحترم الطالب الواجبات الوظيفية الملقة على عاتقه	
3.3	أن ينمو شعور الطالب نحو أهمية العلامة الشخصية وهويته الرقمية	
3...		

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	الاستعداد الوظيفي: التقييم الذاتي وتحديد الشخصية والاهتمامات والمهارات ونقاط القوة	2
2	الاستعداد الوظيفي: أنواع الوظائف ومهارات البحث عن عمل ودور التلمذة المهنية والتطوع	2
3	الاستعداد الوظيفي: تصميم السيرة الذاتية واجتياز المقابلات	2
4	السلوك الإنساني في بيئة العمل: الحقوق والواجبات الوظيفية والسلوك الأخلاقي في العمل	2
5	السلوك الإنساني في بيئة العمل: القدرات، التعلم، الاتجاهات، الرضا الوظيفي	2
6	السلوك الإنساني في بيئة العمل: أساسيات العمل مع فرق العمل	2
7	السلوك الإنساني في بيئة العمل: مهارات الاتصال في بيئة العمل	2
8	السلوك الإنساني في بيئة العمل: القيادة ومهارات إتباع القادة	2
9	النمو المهني: أساسيات المالية الشخصية	2
10	النمو المهني: مهارات التطوير المهني المستمر	2
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د. التدريس والتقييم:

1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	**المعرفة والفهم**		
1.1	أن يصف/يحدد الطالب شخصيته واهتماماته ومهاراته ونقاط قوته	المحاضرات - المناقشات	اختبار تحديد الشخصية والميول المهني – المشاركة الفصلية
1.2	أن يميز أساسيات السلوك الإنساني في بيئة العمل	المحاضرات - المناقشات	التكليفات – الاختبارات – المشاركة الفصلية
1.3	أن يذكر الطالب حقوقه وواجباته الوظيفية	المحاضرات - المناقشات	التكليفات – الاختبارات – المشاركة الفصلية

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
2.0	**المهارات**		
2.1	أن يستعرض الطالب مهاراته في البحث عن وظيفة	المحاضرات - المناقشات	المشروع الجماعي – الاختبارات – المشاركة الفصلية
2.2	أن يصمم الطالب سيرة ذاتية ملائمة لاحتياجات سوق العمل	المحاضرات - المناقشات	مشروع تصميم السيرة الذاتية – الاختبارات – المشاركة الفصلية
2.3	أن يصمم الطالب خطة شخصية للتطوير المهني المستمر	المحاضرات - المناقشات	مشروع خطة التطوير المهني المستمر – الاختبارات – المشاركة الفصلية
3.0	**القيم**		
3.1	أن يبدي الطالب اهتماماً نحو السلوك الأخلاقي في العمل	المحاضرات - القراءة الموجهة	دراسة حالات
3.2	أن يحترم الطالب الواجبات الوظيفية الملقة على عاتقه	المحاضرات - القراءة الموجهة	دراسة حالات
3.3	أن ينمو شعور الطالب نحو أهمية العلامة الشخصية وهويته الرقمية	المحاضرات - القراءة الموجهة	تصميم صفحة لينكد-إن

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	خطة للتطوير المهني المستمر	11	10
2	تصميم السيرة الذاتية وصفحة لينكد-إن	8	15
3	اختبار نصفي	6	20
4	اختبار نهائي	12	40
5	عرض تقديمي جماعي	12	15
6			
7			
8			

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- تحديد أوقات الساعات المكتبية وإحاطة الطلاب بها
- تزويد الطلاب بخطة المقرر وآلية التقييم من بداية الفصل الدراسي، ومراجعتها معهم دورياً
- تتبع حالات الطلاب منخفضي الأداء وتقديم الدعم اللازم لهم

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	• السلوك التنظيمي: سلوك الأفراد والجماعات في المنظمات – الأستاذ الدكتور/محمد زناتي • يُنظر في المراجع المساندة أيضاً
المراجع المساندة	• كتاب المسار: دليل التطوير المهني – الأستاذ مشاري الغامدي • كتاب فن البحث عن وظيفة – الأستاذ أحمد بادويلان • كتاب: ثاني لفة يمين – د. أمجد الجنباز

	• *Kaiden, S. ed., 2016. Find Your Fit: A Practical Guide to Landing a Job You'll Love. Association for Talent Development. : https://www.amazon.com/Find-Your-Fit-Practical-Landing-ebook/dp/B01LY7XO6K • *Stella Cottrell (2021). Skills for Success: Personal Development and Employability: 4th ed (Macmillan Study Skills) • Ranjit Singh Malhi 2009. Make Yourself Employable: How Graduates Can Hit the Ground Running! – الكتاب مترجم في جرير: اجعل نفسك جديراً بالتوظيفhttps://www.jarir.com/jarir-publication-282205762.html • Roy Horn 2020. The Business Skills Handbook. https://www.koganpage.com/product/business-skills-handbook-9781843982180-cipd • Robbins and Judge (2022). Essentials of Organizational Behavior. 15th edition.
المصادر الإلكترونية	• مقياس الميول المهنية – مركز قياس: https://etec.gov.sa/ar/productsandservices/Qiyas/CommStandards/Pages/Professional.aspx • اللائحة التنفيذية للموارد البشرية في الخدمة المدنية - https://hrsd.gov.sa/ar • موقع البوابة الوطنية للعمل - طاقات: https://www.taqat.sa/web/guest • موقع العمل المرن: https://mrn.sa/ • موقع المنصة الوطنية للتدريب الإلكتروني - دروب: https://doroob.sa/ar/ • أكاديمية مسك - https://hub.misk.org.sa/?lang=ar • Myers-Briggs Type Indicator (MBTI): https://www.myersbriggs.org/my-mbti-personality-type/ • DISC: https://www.discprofile.com/ • The Big Five Personality Test: https://www.outofservice.com/bigfive/
أخرى	المكتبة الرقمية السعودية

2. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعات دراسية تناسب عدد الطلاب
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	جهاز حاسوب مزود بالانترنت، سبورة ذكية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	

ز. تقويم جودة المقرر:

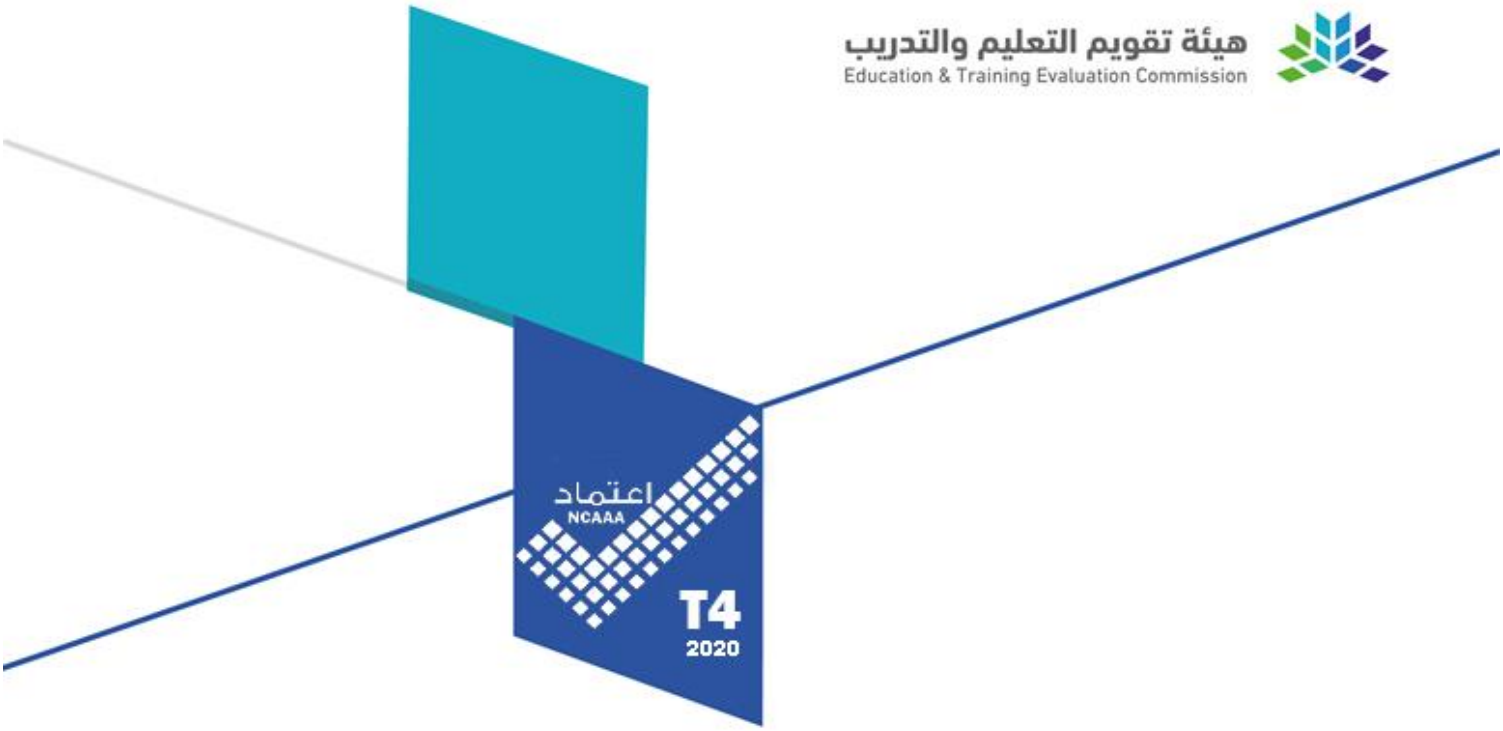
مجالات التقويم	المقيمون	طرق التقييم

مجالات التقويم	المقيمون	طرق التقييم
فاعلية التدريس	الطلاب – منسق المقرر – رئيس القسم – قيادات البرنامج	استطلاعات مباشرة، وملاحظة غيرمباشرة
فاعلية طرق تقييم الطلاب	المراجع النظير - منسق المقرر – رئيس القسم – قيادات البرنامج	مباشرة: عينة عشوائية من نماذج تقييم الطلاب وأعمالهم
مدى تحصيل مخرجات التعلم للمقرر	المراجع النظير - منسق المقرر – رئيس القسم – قيادات البرنامج	مباشرة: نتائج الطلاب في الاختبارات الدورية والنهائية

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	



توصيف المقرر الدراسي

اسم المقرر:	البحث والابتكار
رمز المقرر:	Psy14101
البرنامج:	جميع طلبة جامعة أم القرى
القسم العلمي:	علم النفس
الكلية:	التربية
المؤسسة:	جامعة أم القرى

المحتويات

أ. التعريف بالمقرر الدراسي: ٣

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٢. الهدف الرئيس للمقرر ٣

٣. مخرجات التعلم للمقرر: ٣

ج. موضوعات المقرر ٤

د. التدريس والتقييم: ٤

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم ٤

٢. أنشطة تقييم الطلبة ٥

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و – مصادر التعلم والمرافق: ٦

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ز. تقويم جودة المقرر: ٦

ح. اعتماد التوصيف ٧

أ. التعريف بالمقرر الدراسي:

١. الساعات المعتمدة: ساعتان
٢. نوع المقرر أ. متطلب جامعة [√] متطلب كلية [ ] متطلب قسم [ ] أخرى [ ] ب. إجباري [ ] اختياري [√]
٣. السنة / المستوى الذي يقدم فيه المقرر : **جميع البرامج الدراسية**
٤. المتطلبات السابقة لهذا المقرر (إن وجدت) **لا يوجد**
٥. المتطلبات المتزامنة مع هذا المقرر (إن وجدت) **لا يوجد**

٦. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية		
2	التعليم المدمج		
3	التعليم الإلكتروني		
4	التعليم عن بعد	٢٤	%١٠٠
5	أخرى		

٧. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
١	محاضرات	١٤
٢	معمل أو إستوديو	
٣	دروس إضافية (حلقات البحث)	١٠
٤	أخرى (تذكر)	
	الإجمالي	٢٤

ب- هدف المقرر ومخرجاته التعليمية:

١. الوصف العام للمقرر: **يقدم المقرر معلومات نظرية وتطبيقية عن البحث العلمي، وتوظيف مهارات البحث العلمي في حل المشكلات بطرق ابتكارية ، وتوظيف التقنيات الحديثة في البحث العلمي، ودور البحث العلمي والابتكار في تعزيز التنمية المستدامة تلبية لتطلعات الوطن لجيل مبدع يقدر البحث والابتكار.**
٢. الهدف الرئيس للمقرر **التميز في البحث والابتكار، ورفع مهارات البحث العلمي لدى الطلبة وتحفيزهم إلى إجراء البحوث وفقاً لمعايير الجودة البحثية.**

٣. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	
1.1	**أن يحدد مفهوم المعرفة**	ع
1.2	**أن يعدد أهداف البحث العلمي**	ع
1.3	**أن يشرح خطوات الابتكار**	ع
1.4	**أن يستعرض استراتيجيات إبداعية لحل المشكلات**	ع
1.5	**أن يصف خصائص المبتكرين والمبدعين**	ع
1.6	**أن يشرح دور الابتكار في التنمية المستدامة**	ع

2	المهارات	
2.1	أن يطبق معايير تقييم الأفكار الابتكارية	م
2.2	أن يميز بين البحث الكمي والبحث النوعي	م
2.3	أن يقترح عدد من استراتيجيات وأفكار إبداعية لحل المشكلات	م
2.4	أن يوظف مهارات البحث العلمي في حل المشكلات بطرق ابتكارية	م
2.5	أن يستخدم التقنيات الحديثة في البحث والابتكار	م
3	القيم	
3.1	يلتزم بالسلوك المسئول الذي يتوافق مع أخلاقيات البحث العلمي.	ق
3.2	التواصل مع الآخرين ويعمل بروح الفريق	ق
3.3	احترام الرأي والرأي الآخر من خلال تبادل الأفكار ووجهات النظر عند التفاعل مع الأخرين	ق

ج. موضوعات المقرر

م	قائمة الموضوعات	ساعات الاتصال
1	مصادر المعرفة (مفهومها أهدافها، أنواعها، أهميتها) الحاجة الى المعرفة	٢
2	مقدمة عن البحث العلمي :مفهوم البحث العلمي وأهدافه، واهمية البحث العلمي ، وخصائصه، و اخلاقيات البحث العلمي	٢
3	خطة البحث العلمي :تحديد الفكرة العامة للبحث ،،مصادر المشكلة ،و صياغة مشكلة البحث تحليل مشكلة البحث	٢
4	أنواع البحث العلمي : البحث الكمي-البحث النوعي ،وصياغة الأسئلة البحثية ، الفروض البحثية	٢
5	دور البحث العلمي في الابتكار : تأسيس بيئة بحثية وابتكارية	٢
6	مقدمة عن الابتكار من حيث (المفهوم-أنواعه -خصائصه -مراحله)	٢
7	خطة الابتكار: من اين يبدا الابتكار؟ كيف نحصـــل على الافكار؟ كيفية اختيار فكرة مبتكره؟ كيفية توليد الافكار الجديدة ٠مستويات الابتكار (الابتكار التزايدي- الابتكار المفاجئ- الابتكار التحويلي) الخطوات الثلاث لعملية الابتكار (التصور- التنفيذ- التسويق) ، ومعايير تقيم الافكار المبتكرة	٢
8	خصائص الشخصية المبتكرة ، العوامل المؤثرة على الابتكار (شخصية ، تنظيمية ، بيئية)	٢
9	دوافع الابتكار، مستويات الابتكار (على مستوى الفرد، الجماعة، المنظمة، المجتمع) مصادر الابتكار ، طرق قياس الابتكار وتنميته	٢
10	مخترعات وابتكارات بين القديم والحديث	٢
11	استراتيجيات وأفكار إبداعية لحل المشكلات	٢
12	تعزيز دور الابتكار من أجل التنمية المستدامة للمجتمع (المبادرات-التحديات)	٢
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د. التدريس والتقييم:

١. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.0	المعرفة والفهم		
1.1	يحدد مفهوم المعرفة	المحاضرة -العصف الذهني	عرض تقديمي يوضـــح تطور المعرفة
1.2	يعدد أهداف البحث العلمي	المحاضرة -العصف الذهني	خريطة ذهنية
1.3	يشرح خطوات الابتكار	المحاضرة -العصف الذهني حل المشكلات	مقـال علمي يوضـــح خطوات الابتكار
1.4	يســـتعرض اســـتراتيجيات إبداعية لحل المشكلات	المحاضرة العصف الذهني التعلم التعاوني	تـقـريـر جـمـاعـي يـحـدد الاســـتراتيجيات والأفكار الإبداعية التي تســـتخدم لحل المشكلات

الرمز	مخرجات التعلم	استراتيجيات التدريس	طرق التقييم
1.5	يصف خصائص المبتكرين والمبدعين	المحاضرة العصف الذهني التعلم التعاوني	عرض تقديمي
1.6	يشرح دور الابتكار في التنمية المستدامة	المحاضرة البحث والاستقصاء	ورقة علمية بحثية مصغرة
2.0	المهارات		
2.1	يطبق معايير تقييم الأفكار الابتكارية	المحاضرة العصف الذهني حل المشكلات	تقديم تقرير جماعي كيف تستطيع الحكم بان افكارك قابلة للتطبيق والتنفيذ؟ كيف تقوم بتقييم افكارك الابتكارية؟
2.2	يميز بين البحث الكمي والبحث النوعي	المحاضرة العصف الذهني البحث والاستقصاء	تقرير جماعي : عمل مقارنة بين البحث الكمي والبحث النوعي من حيث: المفهوم-المنهج-خصائص)
2.3	يقترح عدد من استراتيجيات وأفكار إبداعية لحل المشكلات	المحاضرة العصف الذهني التعلم التعاوني	تقرير جماعي يحدد الاستراتيجيات والأفكار الإبداعية التي تستخدم لحل المشكلات
24	يوظف مهارات البحث العلمي في حل المشكلات بطرق ابتكارية	المحاضرة البحث والاستقصاء	ورقة علمية بحثية مصغرة
2.5	يستخدم التقنيات الحديثة في البحث والابتكار	المحاضرة البحث والاستقصاء	عرض تقديمي
3.0	القيم		
3.1	يلتزم بالسلوك المسئول الذي يتوافق مع أخلاقيات البحث العلمي.	التعلم التعاوني	سلم التقدير
3.2	التواصل مع الآخرين ويعمل بروح الفريق	التعلم التعاوني	سلم التقدير
3.3	احترام الرأي والرأي الآخر من خلال تبادل الأفكار ووجهات النظر عند التفاعل مع الأخرين	التعلم التعاوني	سلم التقدير

٢. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	تكليفات وأنشطة مستمرة على مدار الفصل الدراسي	أسبوعياً	٣٠%
2	الحضور والمشاركة	طول الفصل	١٠%
3	مشروع تخرج(مقطع فيديو، انفوجرافيك تفاعلي، عرض منتج ،... إعداد خطة بحثية ،منتج ابتكاري)		٣٠%
4	اختبار نهائي	أسبوع ١٢	٣٠%
5		المجموع	١٠٠%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ - أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- وجود ساعات مكتبية في جدول عضو هيئة تدريس تخصص لمقابلة الطلاب والتفاعل مع نقاشاتهم واستفساراتهم وتقديم الإرشاد الأكاديمي لهم.
- تزويد الطلاب بالبريد الإلكتروني ورقم الجوال ومواقع التواصل الاجتماعي لعضو هيئة التدريس للتواصل مع الطلاب في أي وقت يحتاجونه لمساعدتهم أكاديمياً.

و – مصادر التعلم والمرافق:

١. قائمة مصادر التعلم:

المرجع الرئيس للمقرر	بصمة جي ، سائر(٢٠١٦) الابتكار الناجح، دار الكتب العلمية بصمة جي ، سائر(٢٠١٦) مصادر الأفكار المبتكرة، دار الكتب العلمية عليان، ربحي مصطفي(٢٠١٩) البحث العلمي أسسه. مناهجه وأساليبه وإجراءاته .بيت الأفكار الدولية
المراجع المساندة	موسى، رشاد علي ،والحطاب ،سهام أحمد(٢٠٠٤)الابتكار، دار الفكر العربي عبيدات،ذوقان ،عبدالحق،كايد وعدس،عبدالرحمن(٢٠١٨)البحث العلمي،دار الفكر العربي
المصادر الإلكترونية	منصة ابتكر /https://ibtekr.org بوابة الابتكار الوطنية (فكرة) /https://fikra.sa منصة الابتكار المفتوح /https://openinnovation.sa محركات البحث العلمي /https://www.academicinfo.net /https://www.refseek.com /https://scholar.google.ca /https://www.sweetsearch.com
أخرى	

٢. المرافق والتجهيزات المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	قاعات دراسية
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	جهاز عرض البيانات، السبورة الذكية
تجهيزات أخرى (تبعاً لطبيعة التخصص)	معمل حاسب مجهز بالأنترنت

ز. تقويم جودة المقرر:

مجالات التقويم	المقيمون	طرق التقييم
-فاعلية التدريس، فاعلية مواد التدريب، توفر مصادر التعلم	- الطلاب - أعضاء هيئة التدريس - المراجع النظير - هيئة تقويم التعليم والتدريب	- استمارة تقويم المقرر والبرنامج - معايير هيئة تقويم التعليم والتدريب

مجالات التقويم	المقيمون	طرق التقييم
-تدقيق تصحيح عينة من بحوث الطلبة ومشارعهم بواسطة أعضاء هيئة تدريس مستقلين بالقسم من ذوي التخصص.	- أعضاء هيئة التدريس	نماذج الاختبارات
-تبادل الزيارات والخبرات والاستشارات بين النظراء (الأقران) في تدريس المقرر بالأقسام والكليات بالجامعات السعودية.	- أعضاء هيئة التدريس - المراجع النظير	استمارة التقييم
-تحديث مصادر التعلم الخاصة بالمقرر للتأكد من مواكبتها للتطورات المستجدة في المجال باستمرار وفقاً للمعطيات الحديثة، مع المراجعة الدورية لنتائج تقرير المقرر والبرنامج.	- أعضاء هيئة التدريس	استمارة رضا المستفيدين (الطلاب ، أعضاء هيئة التدريس)
تطوير المقرر باستمرار بناء على آراء أعضاء هيئة التدريس والطلاب في الاستبانات التي يقومون بتعبئتها، مع تحليل الوضع الراهن SWOT Analysis نقاط القوة/ نقاط الضعف ، الفرص المتاحة /التهديدات المحتملة ، استناداً لمعايير NAQAAE لأسس التخطيط الاستراتيجي للاعتماد الوطني.	- أعضاء هيئة التدريس - الطلاب	استمارة تقويم المقرر والبرنامج

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

جهة الاعتماد	
رقم الجلسة	
تاريخ الجلسة	



College of Engineering and Islamic Architecture
Department of Islamic Architecture

1444

Bachelor of

ARCHITECTURE AND PLANNING PROGRAM

برنامج بكالوريوس

العمارة والتخطيط

عمارة
تصميم حضري
تخطيط عمراني

Architecture
Urban Design
Urban Planning

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Summary

of Course Descriptions

ملخص

توصيف المقررات

4

SUMMARY OF COURSE DESCRIPTIONS

This section presents brief descriptions of courses in the curriculum for Bachelor of Architecture and Planning program. It includes description of core and elective courses in each track.

1. Unified Courses

ARC 1001 - Architectural Formation Principles Studio 1 (5 CH.)
This studio is an introduction to architectural formation. It focuses on definition of primary elements (point, line and plane), visual properties of form and space (materials, light, texture, pattern and colors), proportion and scale as well as ordering principles.

ARC 1302 - Architectural Drawings and Presentation (3 CH.)
Architectural graphics are key tools for conveying design through representation on paper or on screen, and this course is the ultimate guide to mastering the manual skill. This course is an essential guide offers a comprehensive introduction to using graphic tools and drafting conventions to translate architectural ideas into effective visual presentations. This course includes information on orthographic projection in relation to 3D models, and explanations of scale and dimensioning.

ARC 1309 - Ancient civilizations and Medieval Architecture (2 CH.)
This course introduces students to world architecture from prehistory times to the end of the medieval period. It helps understanding the various cultural, technological and aesthetic aspects through history. The course focuses on the architecture in Mesopotamian, ancient Egyptian, Greek, Roman, Byzantine and Gothic architecture. Furthermore, it discusses traditional architecture of China and Japan.

MTH 1601 - Mathematics for Architects (2 CH.)
This course focuses on selected topics in differentiation and Integration. It also focuses on analytic geometry which is geometry within a coordinate system. While there are many coordinate systems. This course focuses on the three most coordinate systems used in academia: Cartesian (Rectangular), Cylindrical, and Spherical.

ARC 1002 - Architectural Formation Principles Studio 2 (5 CH.)
This course encompasses fundamentals of the definitions, concepts, analyses, development and presentation of architectural forms. Students learn how to create a simple architectural form using ordering principles. They learn how to compose a modular capsule building using different materials such as paper, wood, foam, etc. Furthermore, the studio introduces an Introduction to architectural drawings and design fundamentals through design of simple one story building. Students are asked to submit these two projects that include properly executed architectural drawings.

ARC 1306 - Architectural Models (3 CH.)
Architectural models are one of the main means by which an architect invents and develops his design. Furthermore, they serve as a bridge between the idea and its realization. This course presents the fundamentals of architectural models. Students learn how to think of and build architectural models using different materials.

ARC 1308 - Design Process and Methods (2 CH.)
This course provides a deeper understanding of the process and methods applied in the architectural design. It covers the analysis of space program, site analysis, the design philosophy, design concept, and the development of human-centred design proposals. The application of this process will be on a housing unit. Students learn to build solid understanding of when and how design decisions are made in the process. They also work on developing their own visualization skills and manual sketching techniques.

ARC 1303 - Shade, Shadow and Perspective (2 CH.)
This course illustrates perspective systems and their use in the representation of three-dimensional architectural forms. Key concepts include one-point, two-point perspectives and techniques for drawing exterior and interior perspectives. Furthermore, the course illustrates casting shades and shadows on two and three dimensional drawings while using different rendering techniques such as pencils, colored pencils, markers, pens and ink, etc.

ARC 1003 - Fundamental Design Principles Studio (5 CH.)
This studio is an introduction to the fundamentals of architectural design through applying design process and methods. Students begin by studying different building types and their relationship to form and function. Finally, they apply the principles of designing housing units while keeping in mind the social and cultural aspects of the Saudi society.

ARC 1314 - Buildings Design Standards 1 (3 CH.)
This course introduces knowledge and skills in analyzing buildings elements and identifying the design standards and considerations of different types of simple buildings; such as villas, child daycare centers, schools, restaurant, etc.

PHY 1115 - Physics for Architects (2 CH.)
This course develops scientific temper and analytic capability and helps to develop skills of critical thinking. By understanding the basic concepts and their applications in engineering technology, students will be able to solve architectural engineering problems.

ARC 1004 - Architectural Design Studio 1: Small Scale Public Buildings (5 CH.)
Design studios are the heart of the Architecture track. This studio is concerned with small scale public buildings such as kindergarten, restaurant, post office, bank branch, fire station, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. This studio particularly enhances students' skills of hand drawing.

ARC 1101 - Building Construction Studio 1: Site Preparation (3 CH.)
Site preparation is always the first phase of any construction project. This studio places emphasis on process of construction site preparation, tools and equipment for site works, soil mechanics and foundations.

ARC 1203 - Vector-based Drawing (2 CH.)
This course is an introduction to the fundamentals of Computer Aided Design, beginning with simple drafting commands and standard drafting methods to produce technical and standard 2D drawings.

ARC 1315 - Introduction to Landscape Architecture (2 CH.)
This course introduces the student to the field of landscape architecture. The course includes various topics concerning the profession such as landscape design determinants and considerations, site furniture, landscape structures and outdoor accessibility standards. Through lectures accompanied with an application on a small project, students will acquire the skills to develop a conceptual design and preliminary details of landscape design of an outdoor space.

ARC 1310 - Architecture of Islamic Civilization (2 CH.)
This course will survey the architectural developments of different Muslim regions and dynasties throughout history. It acquaints the student with the urban characteristics of Islamic culture through the ages and increases the student's understanding of relationships between urban principles and Islamic values in art and architecture. Furthermore, this course enhances student awareness, appreciation, and respect of Muslim architecture, and to familiarize the student with vocabulary of Muslim architecture in order to generate and encourage interest in using and developing such elements.

CE 1632 - Surveying (2 CH.)
This course focuses on enabling students to handle site surveying instruments. Furthermore, it develops the skills of using basic site surveying techniques.

ARC 1005 - Architectural Design Studio 2: Medium Scale Public Buildings (5 CH.)
This studio is concerned with medium scale public buildings such as elementary school, mall, motel, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. This studio particularly enhances students' previously acquired skills of computer-aided drafting.

ARC 1102 - Building Construction Studio 2: Components of Building Structure (3 CH.)
To construct a building can withstand its own weight and any additional pressure, it is important to understand what the structural components of a building are. This studio places emphasis on convenience construction systems and basic components of buildings. Moreover, it introduces advanced construction systems and techniques for reinforced concrete structures.

ARC 1205 - I3D Modeling (2 CH.)
3D modeling for buildings is a common tool for architects, it is almost impossible to find specialists that do not use it to visualize their exterior and interior design projects. This course introduces students to use computer modeling software efficiently. Detailed modeling procedures are discussed, including texture mapping and navigation, in addition to basics of lighting, rendering and animation.

ARC 1304 - Local Architectural Heritage (2 CH.)
In less than half a century, Saudi Arabia has been transformed from nomadic and rural societies into modem urban ones. As a result of the extensive adoption of modern technologies and urbanization, most architectural traditions have been lost. This course illustrates traditional design and construction methods in various regions of Saudi Arabia, how they had been abandoned and almost disappeared, and the recent formal and informal efforts to revive and reinvent local architectural heritage.

ARC 1311 - Renaissance and Pre-modern Architecture (2 CH.)
This course introduces students to world architecture on Renaissance age, 18th and 19th centuries and pre-modernism period. It helps understanding the various cultural, technological and aesthetic aspects through history. The course emphasizes on works and trends of pioneers throughout those eras.

ARC 1317 - Environmental control Systems (2 CH.)
This course studies the interaction between buildings and climate considering natural and man- made effects in order to create a climatically comfortable and controlled environment for building users. Furthermore, this course discusses examples of passive design in hot-humid and hot-arid climates.

CE 1450 - Structure 1 (2 CH.)
This course introduces the student to the essential skills required to analyze simple structures using various analysis procedure and techniques.

ARC 1006 - Architectural Design Studio 3: Vernacular Architecture (5 CH.)
This studio emphasizes the importance of architectural heritage and its influence on the contemporary architecture. It reviews traditional design and construction methods in various regions of Saudi Arabia. It illustrates how to revive and reinvent traditional design and construction methods in a contemporary design project.

ARC 1103 - Building Construction Studio 3: Components of Building Structure (3 CH.)
This studio is a continuation of "Building Construction Studio 2". It introduces basics of steel construction. Moreover, it illustrates various types of insulation and joints, as well as the design, details and implementation of doors and windows. Furthermore, it discusses vertical movement elements in buildings.

ARC 1201 - Creative Generative-Design (2 CH.)
Generative design is a set of technologies that give a computerized copilot for design process, helping engage the power of computation and algorithms to create designs. This course explores the potential of parametric modeling, algorithms and generative systems in architectural design. Students are free to explore and build on a wide and extensible palette of parametric modeling, scripting, and analysis tools during their experimentation with form generation, evaluation and optimization methods.

ARC 1307 - Buildings' Technical Installations (2 CH.)
The main concern and focus of this studio is about technical installations in buildings. It is considered as an introduction to "Building Construction Studio" course. The course introduces the students to various technical installations including water supply, drainage, electrical and mechanical systems. Moreover, it illustrates acoustics and lighting systems taking into account the simple calculations of these systems.

ARC 1313 - Principles of Urban Design (2 CH.)
This course is to introduce students to key concepts and basic principles in urban design. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students will develop urban design skills that help in participating effectively in the following studios of Urban Design track.

ARC 1007 - Architectural Design Studio 4: Conventional Structure Systems (5 CH.)
Appling various structure systems is an essential part of architectural design operation. This is expected to be accomplished through acquainting students with applications of different types of conventional structure systems; consequently, they become capable of selecting the appropriate construction materials and structure system in their architectural projects.

ARC 1104 - Building Construction Studio 4: Technical Drawings (3 CH.)
The main concern and focus of this studio is about technical drawings. It is considered as a continuation of "Buildings' Technical Installations" course. The students are asked to execute various technical installation details including water supply, drainage, electrical and mechanical systems. Moreover, they are asked to draw details of acoustics and lighting treatments.

ARC 1312 - Principles of Urban Planning (2 CH.)
This course is a preface to "Introduction to Urban Planning Studio". It gives the students an introduction to urban planning's definitions, levels, and types. It addresses the history, principles and process of urban planning. The course covers a historical study of the city, including its origins and evolution since the dawn of history to the 19th mid-century. Furthermore, it illustrates required studies and process of urban planning.

ARC 1316 - Structure Systems in Architecture (2 CH.)
Understanding various structure systems is an essential part of architectural design operation. This is expected to be accomplished through acquainting students with applications of different types of conventional and long spans structure systems; consequently, they become capable of selecting the appropriate construction materials and structure system in their architectural projects. This course considered to be an introduction to "Architectural Design Studio 5: Long Spans".

ARC 1109 - Introduction to Urban Design Studio (4 CH.)
This studio is to introduce students to practice key concepts and basic principles in urban design. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students will develop previous learned urban design skills in a small-scale urban design project. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

CE 2452 - Structure 2 (2 CH.)
This course introduces the student to design essential reinforced concrete elements such as beams, columns, slabs and footings.

ARC 1008 - Architectural Design Studio 5: Long Spans (5 CH.)
Understanding various structure systems is an essential part of designing operation. This is expected to be accomplished through acquainting the student with applications of different sorts of long-span structure systems, so the student becomes capable of selecting the appropriate construction materials and proper structure systems when designing this type of projects.

ARC 1105 - Building Construction Studio 5: Finishes (3 CH.)
This course illustrates the major materials and methods used to finish the building facades and interior wall, ceiling, and floor surfaces.

ARC 1305 - Sustainable Architecture (2 CH.)
Nowadays natural resources are being used in irreparably damaging rate. Moreover, human activities pollute the air, water and land which we depend on to survive. Hence this course focuses on sustainable architectural design as an introduction to Architectural Design studio 7. This course illustrates the appropriate strategies and technologies used to improve the building's environmental performance and to provide comfort to its occupants. Therefore, basic technical knowledge on energy, water, materials, etc., is covered in the context of how buildings operate.

ARC 1110 - Introduction to Urban Planning Studio (4 CH.)
This studio is to introduce students to practice key concepts and basic principles in urban planning. It helps students understand the urban environment where human beings operate physically, culturally and socially. Students are asked to collect data and analyze urban planning aspects of an existing small city.

CE 2454 - Structure 3 (2 CH.)
This course introduces the student to design essential steel structure elements and related techniques.

ARC 1500 - Cooperative Training (8 CH.)
This training provides students with an opportunity to enrich their university experience by linking academic studies to actual practical situations. Students will also have the opportunity to assess their professional interests in their respective fields. The trainee student is subject to all the organizational rules and vacations system in the firm in which he trains. Training opportunities with architectural firms are selected by the department; however, student can select an opportunity to train after department approval. Prior to the semester in which the training is held, an introductory lecture is conducted and students nominated for training are invited to attend.

Unified Elective Courses

ARC 1401 - Digital Architectural Photography (2 CH.)
The course deals with the language of photography in relation to architecture and landscape. Next to the study of the historical / linguistic aspects are addressed the technical aspects relating to the use of today's digital cameras and smart phones.

ARC 1402 - Arabic Calligraphy and Ornamentation (2 CH.)
The intimate relationship between religion and architecture and its decoration is a reflection of the beauty of the Islamic spirit. Calligraphy is one of the most refined forms of art. This course focuses on reticulated geometric Kufic calligraphy, the simplest type of calligraphy. This style of calligraphy does not require manual skill, so it has been widely used, especially the inscriptions on mosque facades, as well as in the decoration of interior spaces.

ARC 1403 - Graphic Design Principles (2 CH.)
This course provides an intense overview of the varied elements that make up the graphic design profession. From understanding graphic design fundamentals, to developing original concepts, to creating finished designs- this course develops design students' core competencies and provides practical advice and tips for how these fundamentals translate into new and evolving media.

ARC 1411 - Vocabulary of Islamic Architecture (2 CH.)
This course introduces glossary of architectural and artistic terms of Islamic architecture such as entrances and gates, doors, windows, wooden works, etc. At the end of the course, students are asked to prepare and present an explanation of number of architectural and artistic terms.

ARC 1412 - Contemporary Mosques Architecture (2 CH.)
Although the architectural style of new mosques varied, they all shared a single goal, the regeneration of traditional Islamic forms combined with a tendency toward a new perspective of contemporary mosque architecture that stressed the development of the mosques' forms, styles and their place in an urban setting. This course comprises design criteria for mosques and analysis various examples of innovative approaches of contemporary mosques in Saudi Arabia and in the world.

ARC 1413 - Architecture of the Two Holy Mosques (2 CH.)
This course places emphasize on establishment and Saudi Expansions of Al Masjid al-Haram and Prophet Mosque and there effects on urban surroundings. Furthermore, it discusses various topics such as security and safety in Al Masjid al-Haram and Majidi style of the Prophet Mosque. At the end of the course, students are asked to prepare and present creative proposals to facilitate worship in the Two Holy Mosques.

ARC 1421 - Introduction to Urban Spaces Analysis (2 CH.)
Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course discusses the form, appearance, and composition of a city. It also enables students to see where the city needs reshaping. The course deals with different scales: a neighborhood, the center, a suburban area, or a small group of buildings.

ARC 1422 - Sustainable Landscape Architecture (2 CH.)
This course introduces comprehensive and detailed information on principles, strategies, technologies, tools, and best practices for sustainable landscape. It offers in-depth coverage of a broad range of topics related to sustainable landscape: design, construction, and management for systems of hydrology, vegetation, soils, materials, and human health and well-being.

ARC 1423 - Urban topics in Hajj and Umrah (2 CH.)
This course engages students on urban topics in Hajj and Umrah in a seminar-style learning environment. This course provides an opportunity to analyze relevant research papers, especially those issued by the Institute of Hajj and Umrah Research.

2. Architecture Track

ARC 2009 - Architectural Design Studio 6: Sustainable Buildings (5 CH.)
Environmental sustainability is an essential part of architectural design as passive and active sustainable design principles and technologies are integrated into the design process in a holistic approach. Students will develop previously acquired knowledge of sustainable design into a medium-sized design project. Accordingly, the student can select the appropriate sustainable strategies and technologies to improve the building's environmental performance.

ARC 2107 - Execution Design Studio of Residential Buildings (3 CH.)
This course introduces the students to the fundamentals of execution design drawings based upon previous building construction studios. The student will apply the acquired knowledge on one of his residential projects which had already been designed. Students will learn how to follow dimensioning, coordination, annotating and coding systems. They will also coordinate architectural, structural, and electromechanical requirements.

ARC 2204 - Environmental Simulation (2 CH.)
This course enhances the student's abilities to use software as tools to virtually create spaces or buildings whose geometry, materials, environmental factors and occupancy patterns resemble those of questionable existing or assumed buildings, in such that their environmental performance can be predicted by the software and manipulated by the student. The course introduces the basic concept of simulation with its main requirements. Through the course, student knows about different simulation programs, their required inputs, outputs and level of accuracy. In addition, student specifically learns to use specific software acquiring the expertise of modeling spaces or buildings, ascribing their relevant features and environmental factors, and extracting the required performance parameters, therefore change these parameters and re-run the simulation to optimize the predicted performance.

ARC 2327 - Twentieth century Architecture (2 CH.)
This course is to introduce the students to twentieth century and modernism architecture. It focusses on the pioneers and emerged movements of this period and their effect on architecture. The course examines the interaction of philosophical, cultural, ethical and socio-economic concepts and architectural form and expression. It explores the relationships between buildings and their historical and cultural contexts.

ARC 2329 - Buildings Design Standards 2 (2 CH.)
This course introduces knowledge and skills in analyzing buildings elements and identifying the design standards and considerations of different types of complex buildings; such as hotels, healthcare buildings, office buildings, museums, theaters and cinemas, etc.

ARC 2325 - Interior Design (2 CH.)
This course introduces interior design methods by going through the elements and principles of interior design, materials, colors, light and furniture style. Furthermore, this course discusses the emergence and history of interior design focusing on the pioneers and movements of the 20th century and their effect on interior design realm. By the end of the course, students are required to submit a small computer-based interior design project.

ARC 2010 - Architectural Design Studio 7: Mixed-Use Buildings (5 CH.)
This studio is concerned with mixed-use public buildings that combine three or more uses into one structure such as residential, hotel, retail, parking, cultural, and entertainment, etc. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project.

ARC 2108 - Execution Design Studio of Public Buildings (3 CH.)
This course introduces students to an advanced stage of execution design drawings where the student applies previous knowledge to one of his already designed public projects. The students should apply dimensional and coding systems. Furthermore, they should coordinate architectural, structural and electromechanical requirements.

ARC 2206 - Digital Fabrication and Prototyping (2 CH.)
This course addresses the Digital Fabrication component of the computer aided architectural design (CAAD). Students will develop their understanding through rapid prototyping and digital fabrication using CNC equipment. Throughout the course, students will practice the use of fabrication tools.

ARC 2318 - Creativity in Architecture (2 CH.)
The course presents effective techniques of creative processes in the field of architectural design, and how to encourage, activate and maximize creative abilities of the student. Furthermore, this course analyses examples of creative design projects to enhance student's understanding of creative processes and the ability to apply one of them.

ARC 2320 - Conservation of Architectural Heritage (2 CH.)
This course emphasizes on the importance of architectural heritage. It introduces different criteria for identification, classification, documentation and levels of conservation of architectural heritage. It discusses threats facing architectural heritage such as negligence, lack of maintenance and deterioration significances. This course is considered as an introduction to "Architectural Design Studio 9: Conservation of Heritage Buildings".

ARC 2011 - Architectural Design Studio 8: Conservation of Heritage Buildings (5 CH.)
This studio emphasizes the importance of architectural heritage as it applies the different levels of conservation of heritage buildings. This course is an application of the "Conservation of Architectural Heritage" Course, where one of the important heritage buildings in Saudi Arabia is being reused.

ARC 2106 - Execution Design Studio of Blow-Ups Detailing (3 CH.)
The main concern and focus of this course is about blow-ups detailing drawings. The student will design various details of the public building project which had been submitted in the previous execution design studio.

ARC 2322 - Professional Practice for Architects (2 CH.)
This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of architecture in Saudi Arabia. The course includes a review to the responsibility of architects in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of architecture.

ARC 2323 - Architecture of Mega Structures (2 CH.)
This course provides a deeper understanding of mega structures buildings concepts, design structures and components. It introduces students to different mega structures buildings' types via case studies such as medical cities, multi-function buildings, skyscrapers, airports, train stations and stadiums. This course covers the analysis of space program, the design philosophy, design concept and structural elements of these kinds of buildings. Students learn to develop their own understanding of designing and analyzing different types of mega structures buildings.

ARC 2326 - Applications of the Saudi Building Code in Architecture (2 CH.)
The Kingdom of Saudi Arabia is witnessing huge projects and rapid developments in the construction sector. Hence, the Saudi Building Code was developed to be a scientific and engineering reference at the national and regional levels. This course reviews some topics in The General Building Code (SBC 201).

ARC 2012 - Architectural Design Studio 9: Professional Practice (5 CH.)
This studio is concerned with designing a real project. It illustrates how to form strong basics of architectural professional practice. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to development phases of the project. The location of the project is determined in coordination with the relevant authorities in the public or private sectors, if any, or by the coordinator of the studio.

ARC 2324 - Graduation Project Research: Architecture (2 CH.)
This course is an introduction to "Graduation Project Studio 1: Architecture". It focuses on choosing a graduation project title that matches the student's approach. Furthermore, student will learn how to prepare an actual project methodology through studying and analyzing past experiences of similar projects locally, regionally and internationally. This course enables the student to choose appropriate site, prepare detailed space program, and define planning and design standards for the selected project. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

ARC 2207 - Computer-Based Architectural Project Management 1 (2 CH.)
The course is intended for undergraduate students with architectural background. It introduces the terminology of construction management, types of construction projects, and responsibilities of construction managers. A description of the contract documents, different types of construction contracts, project delivery methods and planning (critical path analysis) are provided as an essential part of the course. Computer-based applications in construction management are introduced during the course.

ARC 2321 - Smart Buildings (2 CH.)
We live in times of change. The digital revolution is impacting many of the world's established orders. This course explores how technology transforming architecture and what this means for architects. From smart materials and 3D printing to bricklaying robots and data-driven design, the course traces the seismic shifts in the way that architecture is both conceived and created, and how this innovation is delivering some of the promises of improved communication, flexibility, wellbeing, productivity, etc.

ARC 2319 - Universal Design (2 CH.)
Universal Design is a design philosophy that aims to create an inclusive community where everyone can participate to the fullest extent possible. The universal design benefits users with different capabilities, limitations, and needs. Therefore, this course focuses on strategies for designing an accessible and equal built environment. Through best practices, the course discusses how universal design is reflected on the design solutions.

ARC 2328 - Biomimetic Architecture (2 CH.)
Biomimicry is a new science that studies nature's models and then emulates these forms, processes, systems, and strategies to solve human problems. Biomimetic architecture is a multi-disciplinary scientific approach to sustainable design that goes beyond using nature as inspiration for aesthetics but rather deeply studying and applying construction principles that are found in natural environments and species.

ARC 3013 - Graduation Project Studio 1: Architecture (7 CH.)
This studio is the first phase of the graduation project. Each student will work independently with his selected project approved in previous semester through the "Graduation Project Research" course. The practical application of the project, its viability and constructability is significant. The broader socio-cultural issue of adaptability with the building designs in Saudi Arabia is to be understood and addressed so that the project is justified within its setting. This phase concentrates on developing a conceptual design project based on what has been achieved in graduation research project course. Students will analyze the final detailed project space program, analyze project site, set design alternatives and evaluate these alternatives based on specific criteria. It is expected that students will apply various skills and knowledge accumulated over the past academic years.

ARC 3208 - Computer-Based Architectural Project Management 2 (2 CH.)
This course is a continuation of "Computer-Based Architectural Project Management 1" course. It covers a variety of topics including scheduling (resource allocation and leveling), project control, and construction supervision. Furthermore, computer-based applications in construction management are introduced during the course.

ARC 3321 - Human and Environment (2 CH.)
This course provides opportunities for students to conduct in-depth investigations of selected topics in the mutual integration between human and environment. It raises the student's familiarity with contemporary human issues, especially those related to environmental preservation and the impact of the information revolution on the built environment, etc. Through weekly seminars, the students prepare presentations on specific topics and engage with colleagues in discussion and brainstorming.

ARC 3322 - Resilient design (2 CH.)
Resilient design is the intentional design of buildings, landscapes, communities, and regions in order to respond to natural and manmade disasters and disturbances-as well as long-term changes resulting from climate change-including sea level rise, increased frequency of heat waves, and regional drought. This course discusses this topic by introducing definition, principles and strategies of resilient design.

ARC 3014 - Graduation Project Studio 2: Architecture (7 CH.)
This final studio is considered as the second phase of the graduation project. It is based on the cumulative knowledge and skills developed in all the previous design studios, course work and professional experience. This phase concentrates on developing a complete design project based on what has been achieved in the previous phase. This studio is the culmination of work where students present their professional capacity in architecture.

ARC 3320 - Economics of Architectural Projects (2 CH.)
This course acquaints students with the concepts of economics and its impact on construction, and qualifies them to make proper economic decisions concerning architectural projects. The course includes a general explanation of the time value of money and cash flow analysis. The course describes the factors that affect building costs and explains the effect of technical specifications on operation costs. Principles of bill-of-quantity (BOQ), cost estimation, and cash flow analysis are illustrated. Concept of value engineering and some advanced building economic concepts are introduced at the end of the course.?

ARC 3323 - Architecture of the Future (2 CH.)
Future Architecture is a multi-dimensional component of contemporary design field. The change of human life style triggers rapid transformation of the built environment and the future of architecture focuses on the limits and visions of this change. This course examines the future of architecture with the advanced knowledge of architectural utopias, dystopias, anticipatory systems and impacts of technological developments in human life/space.

Architecture Track: Elective Courses

ARC 2401 - Photorealistic Rendering Techniques (2 CH.)
Photorealistic rendering is a type of 3D rendering where the final result is very difficult to distinguish from reality, from a photograph. This course introduces photorealistic rendering techniques and the final adjustments in post-production, such as adding the background or the people cutouts. It is at this stage where students make every minor tweak to the image (e.g. last adjustments to hue, saturation, contrast, etc.).

ARC 2402 - Computer Modeling in Building Construction (2 CH.)
The construction industry is facing low rate of productivity in construction phase when compared to other industries. This course is an introduction of building information modeling (BIM) in construction industry. The advantages of this approach and perspectives of the transition to this design technologies, construction process management, and operation are stated. Furthermore, this course introduces basics of using BIM programs in building construction field.

ARC 2403 - Computerized Applications of Crowd Studies in Architecture (2 CH.)
Generally, every public building design requires the consideration of the interaction of people with each other and the space to ensure the user's safety. This course thus discusses necessitates measures to manage and control the movement of people around and within public building as well as catering for emergency evacuation of the crowd. It introduces design strategies for direction in crowd control to improve design for safety and security during events and emergency in such public places.

ARC 3401 - Human Factors in Architecture (2 CH.)
An introductory course that introduces fundamental concepts and theories related to the interaction of people with their natural and built environments. Topics such as privacy, perception, cognition, proxemics, personal space, territoriality, symbolism, social and cultural aspects of the environment, among others will be examined and their influence on architectural theory and practice will be highlighted. The aim is to expand students' understanding of human factors as related to architecture and urban design, and how to implement them in design studios to optimize design solutions.

ARC 3402 - Architectural Criticism (2 CH.)
This course focuses on the types and methods of architectural criticism. It includes studying the techniques of critical expression, and evaluation of architectural projects. The course emphasizes the variety of contemporary architectural school of thought and how to apply different types, methods and techniques (styles) of criticism to it. Students are required to practice architectural criticism in term of local and international case studies.

ARC 3403 - Selected Topics in Architecture (2 CH.)
This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. This course offers opportunity for study of advanced architectural topics tailored to fit the requirements of architecture student in a senior standing.

3. Urban Design Track

ARC 3031 - Urban Design Studio 1: Existing Areas Development (5 CH.)
Studios are the heart of the Urban Design track. Values, knowledge and skills acquired in previous courses are supplemented and enhanced, and applied creatively to both the investigation and development phases of design projects at an urban scale. This studio is concerned with the design development for a local urban project. Project is carefully chosen to explore complex local urban sites or groups of sites and to generate proposals for public and private building types, streets, spaces and transport infrastructure that are rigorously informed by design methodologies. Students will be expected to demonstrate appropriate problem recognition, investigative, analytical, interpretative, design and presentation skills and abilities on their projects.

ARC 3131 - Urban Spatial Analysis Studio (3 CH.)
Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course enables students to examine the form, appearance, and composition of a city-an evaluation of its assets and liabilities. It also enables students to see where the city needs reshaping. The studio deals with different scales-a neighborhood, the center, a suburban area, or a small group of buildings.

ARC 3231 - Urban Information Systems (2 CH.)
This course is designed to introduce the basic principles of Geographic Information Systems (GIS). The focus is to develop an appreciation of how this technology may be applied to help the tasks of planners in the profession. The students will learn not only the theoretical background but also practical applications. The course content includes methods of data entry and editing, simple data analysis and visualization, and preparation of map layouts.

ARC 3331 - Urban Environmental Control (2 CH.)
An essential part of urban design is the need to provide comfortable conditions within public spaces - comfort being a prerequisite of successful people places. This course discusses Levels of sunlight, shade, temperature, humidity, precipitation, wind and noise that have an impact upon our experience and use of urban environments.

ARC 3332 - Urban Morphology (2 CH.)
This course presents the main elements of urban form - streets, urban blocks, plots and buildings - structuring cities and the fundamental processes of transformation shaping these elements. It describes how different schools of thought have been dealing with this object since the emergence of Urban Morphology, as the science of urban form, in the turning to the twentieth century. Finally, it identifies what are the most important contributions that Urban Morphology has to offer to contemporary cities and societies.

ARC 3333 - Housing (2 CH.)
The course deals with the definitions, concepts and issues related to housing such as: shelter, housing, population, area density, etc. Furthermore, it discusses types of housing, factors that affect the design of the housing, criteria and design considerations, as well as its problems and solutions. At the end, the course focuses on planning of neighborhood residential areas.

ARC 3032 - Urban Design Studio 2: New Areas Development (5 CH.)
This studio focuses on planning and design of a residential neighborhood in the city of Mecca or any city in the Kingdom. Students are asked to design the neighborhood regarding the planning requirements and the urban regulations and standards in terms of housing quality, building heights and densities, etc. Furthermore, the detailed urban design of the neighboring center is to be presented. The location of the project is determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

ARC 3132 - Urban Design Details Studio (3 CH.)
This studio focuses on urban design details that students can apply to their urban projects. It includes various urban details like traffic calming, acoustic and outdoor lighting details, etc.

ARC 3232 - Urban Virtual and Augmented Reality (2 CH.)
This course offers a scientifically sound and at the same time practical introduction to Virtual and Augmented Reality (VR/AR). Students will gain the theoretical foundation needed to design, implement or enhance VR/AR systems, evaluate and improve user interfaces and applications using VR/AR methods, assess and enrich user experiences, and develop a deeper understanding of how to apply VR/AR techniques.

ARC 3334 - Advanced studies in Landscape Architecture (2 CH.)
This course is considered as a continuation of "Introduction to Landscape Architecture" course and is an introduction to "Landscape Studio". This course includes various topics such as site analysis and assessment, site utilities, and special landscape conditions.

ARC 3335 - Introduction to Sustainable Urban Design (2 CH.)
Sustainable urban design has become more widespread in recent years. This course was engineered to inspire and help create better, more sustainable, well-connected neighborhoods. It looks beyond the scale of buildings to consider entire communities.

ARC 3033 - Urban Design Studio 3: Sustainability (5 CH.)
Sustainable urban design has become more widespread in recent years. This studio was engineered to inspire and help create better, more sustainable, well-connected neighborhoods. Students are asked to design the neighborhood regarding the planning requirements and the urban regulations and standards and strategies of sustainability. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

ARC 3133 - Landscape Architecture Studio (3 CH.)
This course aims at developing a landscape project at an urban scale based on a real subject chosen by the coordinator. The students should apply all skills and knowledge to create the convenient and creative projects. Simultaneously, the studio previews the execution of hard and soft-scape elements along with different design stages. Furtherer, it introduces an introduction to writing the landscape specifications.

ARC 3336 - Conservation of Heritage Sites (2 CH.)
The course emphasizes on the importance of urban heritage. It introduces different criteria for identification, classification, documentation and levels of conservation. Students will identify urban and environmental threats: spaces, negligence and lack of maintenance and deterioration significances. They will also recognize the principles and degrees of conservation and techniques of restoration for urban heritage. This course is considered as an introduction to "Urban Design Studio 4: Heritage Urban Conservation".

ARC 3337 - Streets Planning and Design (2 CH.)
This course introduces the design concepts, properties and design criteria of streets. It covers hierarchies of the urban infrastructure (water supply, sanitation, drainage, energy, solid wastes, telecommunication, roads, and gas supply), and their relation with technologies of connection, piping, tunnelling, transport systems (metro, trains, etc.), high tension power lines, location and siting, spatial requirements, and standards. It also discuss different aspects of roads, streets, squares and squares with Introducing the different types of them and their classification methods, functions, roles and their urban qualities.

ARC 3338 - Humanizing the Cities (2 CH.)
The heavy dependency on private cars has shaped the design of cities. This course focuses on humanizing cities in favor of greener and humanized urban design that would improve the quality of life and reduce the global threat of climate change. The course discusses a wide range of topics including design of street scape and plazas, mixed land use, community participation, etc.

ARC 3034 - Urban Design Studio 4: Urban Heritage Conservation (5 CH.)
The studio emphasizes on the importance of urban heritage in Saudi Arabia. Students are asked to deal with an urban heritage site regarding the principles and process of conservation, and the built heritage conservation policies in Saudi Arabia. The location of the project shall be determined in coordination with the relevant authorities, if any, or by the coordinator of the studio.

ARC 3339 - Graduation Project Research: Urban Design (2 CH.)
This course is an introduction to "Graduation Project Studio 1: Integrated Urban Design". It focuses on choosing a graduation project title that matches the student's approach such as landscape planning or designing, urban design, or in the field of preservation or upgrading. Furthermore, student will learn how to prepare an actual project methodology through studying and analysing past experiences and case studies to elicit the learned lessons from these experiences. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

ARC 3340 - Cities Centers (2 CH.)
This course deals with the basic theories related to the planning and development of city centers. It clarifies the main problems that urban centers suffer from globally and in Saudi cities in particular, and the strategies for solving these problems. Furthermore, this course discusses quantitative and qualitative survey methods, as well as training on methods of redevelopment and planning of the city center.

ARC 3341 - Urban Sociology (2 CH.)
This course is an introduction to urban sociology. Organized around an integrated paradigm, the sociospatial perspective, this course illustrates the role played by social factors such as gender, lifestyle, economics, and culture on the development of metropolitan areas. With its unique perspective, concise history of urban life, clear summary of urban social theory, and attention to the impact of culture on urban development, this course gives students a cohesive conceptual framework for understanding cities and urban life.

ARC 3342 - Principles of Urban Mobility (2 CH.)
The course discusses the complex relationship between transportation, land use and urban form, and the varied instruments available to planners seeking to influence this relationship. It discusses how different urban accessibility pathways impact directly on other measures of human development. It also presents the enabling conditions for increasing accessibility and low-carbon mobility in cities and what makes neighborhoods livable. It addresses the effectiveness of applying policies of green transportation in urban areas.

ARC 3343 - Public Transportation Planning and Management (2 CH.)
This course introduces principles of public transport planning and management. It focuses on public transport theories and systems. It discuss typologies of public transportation system such as, cars, street cars, bus, bus rapid transit, light rapid transit, railway rapid transit and transit oriented development. The course cover route modeling and assignment, trip timing, distance and scheduling, cost subsidies, public involvement, and sustainable practices.

ARC 4035 - Graduation Project Studio 1: Integrated Urban Design (7 CH.)
The Graduation Project studio focusses on "real world" strategic urban issues. Students will be working to develop abilities and skills (investigation, analysis and interpretation, design development and presentation) that enable them to prepare strategies, frameworks, concepts and master plans in a professional and visionary manner. Familiarity with economic, social and environmental factors, analytic and communication techniques will be assumed from previous courses. This studio is considered as the first phase of the graduation project. This phase concentrates on the data collection and analysis stages of the developmental process. Throughout the preparation of this phase, student will grasp the ideology of analyzing the final detailed program, setting alternatives, and taking urban design decisions.

ARC 3344 - Crowd Management (2 CH.)
Crowd management is the organized and substantiated planning and the direction given to the orderly progression of events where large groups of people gather together such as in Hajj. Yearly there is an influx of over three million Muslims to Makkah to perform Hajj. As this large group of pilgrims move between the different religious sites safety and security becomes an issue of main concern. This course pleases emphasis on definitions, concepts and types of crowds. Moreover, it discusses crowd management strategies, international examples, and crowd management in the event of Hajj.

ARC 3345 - Smart Urban Spaces (2 CH.)
Smart cities as a concept have been widely used in the past decades in different fields and areas related to the city. One of these areas is the urban spaces. This course focuses on urban spaces concepts, technologies applied, benefits and challenges. It discusses how smart and innovative technologies can make urban spaces better, and how these spaces can improve people lives accordingly.

ARC 3346 - Urban Wayfinding (2 CH.)
Some cities are difficult for anyone to navigate and reach a particular destination. Effective wayfinding is important for people to make their way through outdoor environment, as it improves efficiency, accessibility, and safety. This course focuses on behaviors of wayfinders and urban design fundamentals for good wayfinding. It contains definitions of wayfinding, movement perceptual system and cognitive map. Furthermore, it discusses wayfinding elements and information needed for wayfinding process.

ARC 4036 - Graduation Project Studio 2: Integrated Urban Design (7 CH.)
This studio is considered as the second phase of the graduation project. Student will continue on what was achieved on the prior course. In this phase, the student develops the urban design concept selected in the previous phase of the project. The student is encouraged to use innovative management tools such as place-marketing, events-marketing and websites deployment targeting potential developers.

ARC 4347 - Professional Practice of Urban Design (2 CH.)
This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of urban design profession. The course includes a review to the responsibility of urban designer in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of urban design.

ARC 4348 - Future Urbanism (2 CH.)
Today's cities are overshadowed by multiple threats that endanger our metropolitan way of life, so the concepts of the future cities will be changed accordingly. The fundamental tool we use to make sense of these uncertain city futures is the imagination. This course explores a range of imagined cities-submerged, floating, flying, vertical, underground, ruined, and salvaged-Future Cities. Bringing together architecture, fiction, film, and visual art, this course reconnects the imaginary city with the real, proposing a future for humanity.

Urban Design Track: Elective Courses

ARC 3431 - Temporary Urbanism (2 CH.)
The increased frequency of short-term events, in particular the temporary construction and use of space, has become known as temporary and tactical urbanism. This course presents a theoretical and critical analysis of this global trend. The importance of this course is due to the fact that Makkah al-Mukarramah is characterized by this type of urbanization in Mina, Muzdalefah and Arafat during the time of Hajj each year; furthermore, these places can be used efficiently during non-pilgrimage periods.

ARC 3432 - Project Management for Planners (2 CH.)
This course introduces students to the concept of effective project management (planning, prioritizing, scheduling, budgeting, negotiating, organizing, controlling, managing change, motivating, coaching, and refereeing) and is intended to develop a strategic thinking about project management. Topics covered in the course include the Triple Constraint Theory, Critical Path, PERT, Gantt, and Critical Chain Project Management (CCPM) methods. Besides, the content will focus on two domains. The first domain covers the concepts, theories, and process groups of the project management during the project life cycle (PLC); namely, Project Initiation, Project Planning and Design, Project Execution, Project Monitoring and Controlling, Project Completion. The second domain explores the nine "knowledge areas" of project management.

ARC 3433 - Terminals Planning and Design (2 CH.)
This course addresses the characteristics of transportation terminals on a mode-by-mode basis (seaports, railways, airports, parking lots, etc.). It reviews methodologies used to study terminal operations for different modes and the management of congestion (input-output diagrams, simulation, optimization, queuing). Although the course covers all transportation modes, freight terminals (ports and railways) receive extra attention to passenger transportation terminals. Besides, the course presents a number of recipes for examining and improving terminal operations. The course also presents the related aspects of terminal operations through modeling and (if necessary) observation.

ARC 4441 - Fundamentals of Real Estate Development (2 CH.)
This course offers a better understanding of how the real estate market works. The course emphasis on the supply and demand of land for economic use; the nature and significance of economic rent; real-estate prices and allocation of resources. The various dimensions of land economy (housing, offices, retail, and property valuation) will also be examined in terms of market comparison and replacement cost approaches, operation of real estate markets, land development and investment costs, economic meaning of land conservation; conservation of real estate.

ARC 4442 - Ecotourism Planning (2 CH.)
While the incursion of Mass-Tourism has been a serious threat to the sensitive Ecosystem, following the principles of Ecotourism may allow the natural landscape and built heritage to be better maintained and respected than it used to be. This can be achieved through Ecolodge planning. Using sustainable practices and the preservation of local culture and traditions are all important considerations of Ecolodge concept. Therefore, this course introduces students to the principles of Ecotourism planning and Ecolodge.

ARC 4443 - Selected Topics in Urban Design (2 CH.)
This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. It covers various topics concerning urban design aspects such as, the impact of human settlement on ecosystems in cities, perceptional boundaries of the city, water front, and restorative cities.

Urban Planning Track

ARC 3051 - Urban Planning Studio 1: Neighborhood (5 CH.)
The aim of the studio is to introduce students to the design problems at neighborhood level. The project involves land subdivision, neighborhood planning and architectural residential design. At the same time, the project explores the relationship between the physical environment, the socio-cultural aspect, and the nature of urban design process. The project contains about (2-4) clusters, with a population size ranging between (3000 - 6000) people.

ARC 3151 - Urban Spatial Analysis Studio. (3 CH.)
Analysis is a diagnosis of the city's component pieces, to see the relations between these pieces and to assess their condition. This course enables students to examine the form, appearance, and composition of a city-an evaluation of its assets and liabilities. It also enables students to see where the city needs reshaping. The studio deals with different scales-a neighborhood, the center, a suburban area, or a small group of buildings.

ARC 3251 - Urban Information Systems. (2 CH.)
This course is designed to introduce the basic principles of Geographic Information Systems (GIS). The focus is to develop an appreciation of how this technology may be applied to help the tasks of planners in the profession. The students will learn not only the theoretical background but also practical applications. The course content includes methods of data entry and editing, simple data analysis and visualization, and preparation of map layouts.

ARC 3351 - Urban Planning Theories (2 CH.)
This course places emphasis on theories of urban planning in the twentieth century and beyond. The course ends up with in details explanations of the planning concept of the neighborhood and its elements (planning concept, roads network, services centers, etc.)

ARC 3352 - Advanced studies in Landscape Architecture. (2 CH.)
This course is considered as a continuation of "Introduction to Landscape Architecture" course and is an introduction to "Landscape Studio". This course includes various topics such as site analysis and assessment, site utilities, and special landscape conditions.

ARC 3353 - Housing. (2 CH.)
The course deals with the definitions, concepts and issues related to housing such as: shelter, housing, population, area density, etc. Furthermore, it discusses types of housing, factors that affect the design of the housing, criteria and design considerations, as well as its problems and solutions. At the end, the course focuses on planning of neighborhood residential areas.

ARC 3052 - Urban Planning Studio2: Residential District (5 CH.)
Residential district planning plays a very important part during the development process of the city. The aim of this studio is to introduce students to the design problems at residential district level. The project explores the relationship between the physical environment, the socio-cultural aspect, and the nature of urban planning process. The project contains about (3-5) neighborhoods, with a population size ranging between (10000 - 30000) people.

ARC 3152 - Landscape Architecture Studio. (3 CH.)
This course aims at developing a landscape project at an urban scale based on a real subject chosen by the coordinator. The students should apply all skills and knowledge to create the convenient and creative projects. Simultaneously, the studio previews the execution of hard and soft-scape elements along with different design stages. Furtherer, it introduces an introduction to writing the landscape specifications.

ARC 3252 - Advanced Urban Information Systems (2 CH.)
This course is designed to build on the expertise gained by the students in the prerequisite course and enhance their skills in applying Geographic Information Systems for urban and regional planning projects. The course introduces the concepts of Global Positioning System. Furthermore, a comprehensive set of spatial analysis tools are introduced to allow exploring and analyzing spatial data and to find solutions to spatial problems and modeling urban phenomenon. The course also provides general concepts of network analysis and the application of such tools in regional and urban planning. The course introduces basic techniques of estimating spatial data through interpolation and the concepts of 3D GIS.

ARC 3354 - Urban Transportation Planning (2 CH.)
This course focuses on transportation land use and urban built environment relationships. It includes analytical methods and planning criteria necessary to plan and design urban transportation, forecast origins and destinations, transport modes, traffic generation, road hierarchies and capacity, distribution criteria, pedestrian movement, and parking design.

ARC 3355 - Urban Service Facilities (2 CH.)
Service facilities are defined as institutional responses to basic human needs, such as health, education, safety, recreation, and worship. Service facilities contribute to the quality of life for both individuals and groups in the community. They provide convenient and efficient services, a sense of identity, and define the visual character of the city. This course provides policies and criteria of various types of service facilities, their relationship to one another, and their location to serve the needs and desires of the community.

ARC 3053 - Urban Planning Studio 3: New City (5 CH.)
The Kingdom is currently witnessing an unprecedented urban development, where a large number of inspiring new cities will be established. This studio is focuses on planning a new city in Saudi Arabia. Students are asked to design the new city regarding the relevant planning requirements, standards and regulations. The location of the city is determined by the coordinator of the studio. Work phases consist of both team and individual work and end by presenting studies and a spatial master plan.

ARC 3153 - Detailed Urban Planning Studio (3 CH.)
This studio places emphasizes on land zoning projects. Zoning may be use-based, or it may regulate building height, lot coverage, and similar characteristics, or some combination of these. This studio illustrates principles for the application of urban design through land zoning projects, criteria for land allocation, regulations of land zoning projects, and practical aspects in preparation of these projects. Students are asked to design a zoning project in details.

ARC 3253 - Computer Applied Statistics (2 CH.)
This course explores statistical analysis. Topics covered include how to create and analyze charts, build reports, import spreadsheets, create regression models, and export presentation graphics.

ARC 3356 - Regional Planning (2 CH.)
The regional planning is considered as the second level of spatial planning in Saudi Arabia. Therefore, this course is concerned with the nature of regional planning as particular form of planning. Consideration is given to the historical evolution, definition and scope of regional planning; its particular role and contribution, and its methods and techniques. In addition, this course deals with the process of regionalization and definition of region, the spatial structure of region, and regional planning in the international perspective. This course is an introduction to Urban Planning Studio 4: Regional Planning.

ARC 3357 - Cities and Climate Change (2 CH.)
Cities face significant impacts from climate change, both now and into the future. This course discusses the consequences of various climate change impact scenarios on cities, ranging from conservative to extreme. Furthermore, it explores policy options for urban planning in response to climate change, with emphasis on changes in urban form.

ARC 3054 - Urban Planning Studio 4: Regional Planning (5 CH.)
This studio examines a range of concepts, approaches and tools of comprehensive regional development. The focus is on real world regional planning problems in its comprehensive context. International experiences and Saudi regional development strategies will be introduced and examined. The new approaches of regional development will also be introduced and examined. Different methods and techniques used to evaluate and implement such regional comprehensive development plan will be explored in more details.

ARC 3358 - Graduation Project Research: Urban Planning (2 CH.)
This course is an introduction to "Graduation Project Studio 1: Urban Planning". It focuses on choosing a graduation project title that matches the student's approach. Furthermore, student will learn how to prepare an actual project methodology through studying and analyzing past experiences and case studies to elicit the learned lessons from these experiences. Moreover, this course acquaints the students with scientific report writing skills as they are required to submit a well-written report on the cited studies.

ARC 3359 - Urban Governance (2 CH.)
This course explains the political, socio-economic and administrative setup of local government and city management functions. On one hand, it covers the following concepts and topics: introduction to management thoughts and concepts, city government and its relationship with other level of national government and city management functions. On the other hand, city management is devoted to creating a positive interaction between urban needs and personal inhabitants' interests and needs. Therefore, this course discusses critical parameters in modern concepts of city management such as urban equality, public participation, socio-economic and personal feeling of secure.

ARC 3360 - Sustainable Cities (2 CH.)
This course helps students create sustainable plans for natural systems, energy, water, waste, transportation and many other factors that contribute to quality of life in cities.

ARC 3361 - Urban Infrastructure (2 CH.)
This course places emphasis on all basic urban utilities including electricity, gas, water supplies, sewage systems, storm networks, solid waste disposal and telecommunication. The course articulates basic designs of infrastructure planning as well as their impact on the environment, public health and safety. Moreover, it identifies regulations of safety, and environmental laws that control infrastructure utilities.

ARC 3362 - Public Transportation Planning and Management. (2 CH.)
This course introduces principles of public transport planning and management. It focuses on public transport theories and systems. It discuss typologies of public transportation system such as, cars, street cars, bus, bus rapid transit, light rapid transit, railway rapid transit and transit oriented development. The course cover route modeling and assignment, trip timing, distance and scheduling, cost subsidies, public involvement, and sustainable practices.

ARC 4055 - Graduation Project Studio 1: Urban Planning (7 CH.)
This design Studio is the 1st phase of the final graduation project. In this phase, students will be working to develop abilities and skills (investigation, analysis and interpretation, planning development and presentation) that enable them to prepare strategies, frameworks, concepts and master plans in a professional and visionary manner. Familiarity with economic, social and environmental factors, analytic and communication techniques will be assumed from previous courses. This phase concentrates on the data collection and analysis stages of the developmental process. Throughout the preparation of this phase, student will grasp the ideology of analyzing the final detailed program, setting alternatives, and taking urban planning decisions.

ARC 4363 - Urban Economics (2 CH.)
The course focuses on strategies that policy makers and planners at all levels use to create healthy urban economies. The course begins by examining the role of the urban economic development specialist, and then examines a range of tools that economic developers/planners use. It also focuses on relatively new strategies for urban economics development and redevelopment. It explores issues of labor force, housing and transportation. Moreover, it examines the role of technology on urban economic development, and discusses various international and Saudi case studies.

ARC 4364 - Urban Sociology and Population (2 CH.)
This course is an introduction to urban sociology and population studies. Organized around an integrated paradigm, the sociospatial perspective, this course illustrates the role played by social factors such as gender, lifestyle, economics, and culture on the development of metropolitan areas. With its unique perspective, concise history of urban life, clear summary of urban social theory, and attention to the impact of culture on urban development, this course gives students a cohesive conceptual framework for understanding cities and urban life. Furthermore, the course demonstrates population studies. Major areas include broad population dynamics; fertility and family dynamics; health, aging, mortality, etc.

ARC 4365 - Smart Cities (2 CH.)
The rapidity of technological advances is profoundly changing the way we work and live. The course provides the basics of smart cities and introduces different aspects of smart cities e.g. infrastructure, mobility and buildings. Furthermore, it gives students an overview of current smart city related projects and enables students to develop a vision on which steps can be taken to transform our cities to smart cities.

ARC 4056 - Graduation Project Studio 2: Urban Planning (7 CH.)
This studio is considered as the second phase of the graduation project. Student will continue on what was achieved on the prior course. In this phase, the student develops the urban planning concept selected in the previous phase of the project. The student elaborates on the physical, social, economic, and environmental characteristics of his selected planning alternative.

ARC 4366 - Multicriteria Assessment of Urban Development Projects (2 CH.)
This course involves identifying, evaluating, discussing, and documenting the potential beneficial and adverse consequences of implementing an urban project, development, or program. It considers a broad range of community, financial and natural resources and uses these insights to help shape urban project design. Impact assessment considers the long-term outcomes associated with a project and its operation, and the short-term effects of project implementation, as a result of construction activities.

ARC 4367 - Professional Practice of Planning (2 CH.)
This course is an introduction to principles of professional practice, focusing on the historical, ethical, and legal framework of the practice of urban planning profession in Saudi Arabia. The course includes a review to the responsibility of urban planner in the development of communities and environments. It emphasizes addressing competency requirements matching professional practice expectation in the field of urban planning.

Urban Planning Track: Elective Courses

ARC 3451 - Urban Indicators (2 CH.)
Urban indicators are either a quantitative or qualitative measure that gives information about a topic or issue related to urban activities. This course places emphasis on the twenty key areas of the Habitat Agenda at the city level. It comprises shelter, social, environmental and governance indicators.

ARC 3452 - Technology and Desert Development (2 CH.)
This course focuses on the desert development and technology in Saudi's arid lands. The course covers four themes: (1) Understanding the desert environment; its characteristics, obstacles, and potentialities, (2) Examining the role of development technology in facilitating desert settlement, (3) Critical review of desert development practices in the world, the Middle East Region and in the KSA, and (4) Proper planning strategies for settling the desert.

ARC 3453 - Urban Development in Saudi Arabia (2 CH.)
Traditionally, Saudi cities have received great attention from the government, evident in the nurturing of the growth in urbanization and provision of a well-established physical infrastructure. Nevertheless, cities under Saudi Vision 2030 will be both attraction and catalyst for tremendous interventions and experimentations. This course discusses history of urban development in Saudi Arabia and the contemporary vision of development.

ARC 4461 - Selected Topics in Urban Planning (2 CH.)
This course engages students on specialized subject matter in a seminar-style learning environment and provides an opportunity to complement existing courses. It has a changing syllabus, which varies on yearly basis according to the updated topics. This course offers opportunity for study of advanced urban planning topics tailored to fit the requirements of student in a senior standing.

ARC 4462 - Advanced Topics in Urban Transportation (2 CH.)
A seminar course aims to fill in any gaps in the curriculum of urban transportation planning. The course defines the advanced topics in urban transportation such as sustainability, transportation economy, transportation modeling, transportation policies, street scape and further issues of significance, concentrations and new trends. The course also includes applications of special techniques in urban transportation.

ARC 4463 - Planning Decision-Making Systems (2 CH.)
The course presents state of the art knowledge about Decision-Making Support Systems (DMSS). Its main goals are to help diffuse knowledge about effective methods and strategies for successfully designing, developing, implementing, and evaluating decision-making support systems, and to create awareness about the relevance of decision-making support systems in the current dynamic management environment.