



# Course Specification

## (Bachelor)

**Course Title:** Architectural design studio

**Course Code:** APAR11

**Program:** Architectural Engineering Technology

**Department:** NOT AVAILABLE

**College:** Applied College

**Institution:** Umm Al-Qura University

**Version:** 1

**Last Revision Date:** Pick Revision Date.



## Table of Contents

A. General information about the course: .....	3
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods .....	4
C. Course Content.....	5
D. Students Assessment Activities .....	6
E. Learning Resources and Facilities.....	6
F. Assessment of Course Quality .....	6
G. Specification Approval .....	7



## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 5 )

#### 2. Course type

A. ☐ University ☐ College ☒ Department ☐ Track ☐ Others  
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: ( 1<sup>st</sup> year 2<sup>nd</sup> semester)

#### 4. Course General 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.

5. Pre-requirements for this course (if any):

Architecture drawing studio.

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

#### 7. Course Main Objective(s):

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.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	10	100%
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>		
4	Distance learning		



### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	
2.	Laboratory/Studio	10x14
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		140

### B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Describe Introduction to Design process	K1	Lecture Examples, drawings	Quizzes, sheets, exams, final project
1.2	Recognize Skills of site analysis, concept, form	K1	Lecture Examples, drawings	Quizzes, sheets, exams, final project
1.3	Identify principles and concepts of the design process.	K3	Lecture Examples, drawings	
1.4	Explain the theories of architectural design, architectural drawing, construction process and related technology in the professional fields.	K3	Lecture Examples, drawings	
2.0	Skills			
2.1	Solve design problems, using the skills of problem identification, research and information gathering, analysis, and generation of alternative solutions.	S1	Lecture Examples, drawings	Quizzes, sheets, exams, final project
2.2	Design architectural project appropriate to the community.	S2	Lecture Examples, drawings	Quizzes, sheets, exams, final project
2.3	Solve architectural problems by raise questions, argue abstract ideas and test various alternatives to reach well-reasoned conclusions.	S4	Lecture Examples, drawings	Quizzes, sheets, exams, final project
2.4	apply the fundamental principles in precedents to apply such principles into architecture design projects.	S4	Lecture Examples, drawings	Quizzes, sheets, exams, final project

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
	Communicate persuasively through written, verbal, graphic, analogue and digital tools.	<b>S5</b>		
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
3.1	Work independently and collaboratively to implement, evaluate and criticize problems related to architectural drawings.	<b>V1</b>	Lecture Examples, drawings	Quizzes, sheets, exams, final project
3.2	Use appropriate representational media (traditional and digital) technology skills to formulate a comprehensive architectural project in field of work/ profession.	<b>V2</b>	Lecture Examples, drawings	Quizzes, sheets, exams, final project
3.3	Demonstrate awareness of and sensitivity to visual, auditory, and tactile effects.	<b>V4</b>	Lecture Examples, drawings	Quizzes, sheets, exams, final project
3.4	Reflect a deep sense of leadership and responsibility in class.	<b>V6</b>	Lecture Examples, drawings	Quizzes, sheets, exams, final project
3.5	Demonstrate mental and physical coordination to create and develop design solutions.	<b>V6</b>	Lecture Examples, drawings	Quizzes, sheets, exams, final project

### C. Course Content

No	List of Topics	Contact Hours
1.	Introduction	<b>10</b>
2.	process of architectural design	<b>10</b>
3.	site analysis	<b>10</b>
4.	spatial analysis	<b>10</b>
5.	project program, modules, bubble diagram	<b>20</b>
6.	plan design	<b>30</b>
7.	form and masses	<b>20</b>
8.	Sections, elevations, layout	<b>20</b>
9.	Project presentation	<b>10</b>
<b>Total</b>		<b>140</b>



## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	sheets	Every section	40%
2.	Midterm exam	7th week	10%
3.	quizzes	3,5,9 (week)	10%
4.	Final project	15	40%

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

## E. Learning Resources and Facilities

### 1. References and Learning Resources

Essential References	<ol style="list-style-type: none"> <li>Ching F.D.K.(2007)- architecture form, space, and order- John Wiley&amp; sons, Inc., Hoboken, New Jersey- third edition.</li> <li>List Essential References Materials (Journals, Reports, etc.)</li> <li>Abu Ouf T., (2015)- Site analysis – sky for book publisher – Cairo – Egypt - first edition.</li> <li>Abu Ouf T., (2015) - design concept - sky for book publisher – Cairo – Egypt - first editi</li> </ol>
Supportive References	
Electronic Materials	Architecture design websites, instagram architecture design accounts
Other Learning Materials	Computer-based programs/CD, professional standards or regulations and software.

### 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	(Classrooms, laboratories, demonstration rooms/labs, etc.) Class room (studio)
<b>Technology equipment</b> (projector, smart board, software)	software Data show
<b>Other equipment</b> (depending on the nature of the specialty)	Computer Lab - Graphic Lab – Drawing Lab

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Questioner of course quality
Effectiveness of	Peer reviewers	Random grading report



Assessment Areas/Issues	Assessor	Assessment Methods
Students assessment		Test Completion report for test Standards
Quality of learning resources	Students	E-Survey of sufficiency of learning resources
The extent to which CLOs have been achieved	Program leaders	Results of quizzes, mid-term and final exams- Presentation and discussion.
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify))

**Assessment Methods** (Direct, Indirect)

## G. Specification Approval

<b>COUNCIL /COMMITTEE</b>	Umm Al-Qura University Council
<b>REFERENCE NO.</b>	851141114462/190372
<b>DATE</b>	22/11/1446 هـ

