



Course Specification

(Bachelor)

Course Title: executive graphics design studio

Course Code: APAR21

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	4
D. Students Assessment Activities	5
E. Learning Resources and Facilities	5
F. Assessment of Course Quality	5
G. Specification Approval	6





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: (2nd year 1st semester)

4. Course General 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.

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

Architectural design studio

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

7. Course Main Objective(s):

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.

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"> Traditional classroom E-learning 		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
----	----------	---------------





1.	Lectures	10x14
2.	Laboratory/Studio	
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 the principles of execution drawings	K1	- Lecture - Presentation Examples, drawings	- quizzes, sheets - midterm exam Final project
1.2	describe the principles of details drawings	K2	- Lecture - Presentation Examples, drawings	- quizzes, sheets - midterm exam Final project
1.3	explain the theories of architectural design, architectural drawing, construction process and related technology in the professional fields.	K3	- Lecture - Presentation Examples, drawings	- quizzes, sheets - midterm exam Final project
2.0	Skills			
2.1	Apply knowledge of execution drawings appropriate to the discipline.	S2	- Lecture - Presentation Examples, drawings	- quizzes, sheets - midterm exam Final project
2.2	Analyzing the problem, then identify and define the suitable type of doing execution drawings appropriate to the project.	S3	- Lecture - Presentation Examples, drawings	- quizzes, sheets - midterm exam Final project
3.0	Values, autonomy, and responsibility			
3.1	Work collaboratively and constructively and lead diverse teams to perform a wide range of tasks with responsibility.	V1	- Lecture - Presentation Examples, drawings	quizzes, sheets - midterm exam Final project
3.2	Use appropriate representational media (traditional and digital) technology skills to formulate a comprehensive architectural project in field of work/ profession.	V3	- Lecture -Presentation, discussions Examples, drawings	- quizzes, sheets - midterm exam Final project
3.3	Demonstrate awareness of and sensitivity to visual, auditory, and tactile effects.	V4	- Lecture -Presentation, discussions	- quizzes, sheets - midterm exam Final project





Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
			Examples, drawings	
3.4	Reflect a deep sense of leadership and responsibility to the culture and a sustainable community.	V6	- Lecture -Presentation, discussions Examples, drawings	- quizzes, sheets - midterm exam Final project
3.5	Keep pace with advanced knowledge in the field of work/profession.	V6	- Lecture -Presentation, discussions Examples, drawings	- quizzes, sheets - midterm exam Final project

C. Course Content

No	List of Topics	Contact Hours
1.	introduction	10
2.	First stage: Basic executive drawings: <ul style="list-style-type: none"> • Prepare operational drawings for the public site. • Preparation of operational drawings for horizontal projections. • Preparation of operational drawings for the sectors. • Preparation of executive drawings of the facades. • Prepare tables and forms of symbols and terms. 	50
3.	Second stage: Detailed executive drawings. <ul style="list-style-type: none"> • Door and window models • Details of internal and external stairs. • Details and segments in external walls. • Treatment of structural joints. • Thermal insulation and moisture. • Types of pavements and details. • Details of interfaces and interfaces processing. • Details of facade cladding. • Details of False ceilings. • Fire details. • Sanitation and water supply works. • Electricity works. • Air conditioning works. 	70
4.	Final output of the project	10
Total		140

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quizzes	3,5	10%





No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
2.	sheets	Every week	40%
3.	Midterm exam	8	20%
4.	Final project	15	30%

*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	. Farouk Abbas Haider, Encyclopedia of modern technology in the construction of buildings, three parts, Alexandria: dar elmarafa.
Supportive References	
Electronic Materials	cd-AutoCAD files and examples
Other Learning Materials	Note and examples prepared by the professor of the course

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	(Classrooms, laboratories, demonstration rooms/labs, etc.) Class room, computer lab
Technology equipment (projector, smart board, software)	software Data show
Other equipment (depending on the nature of the specialty)	Software- Data show- AUTOCAD software

F. Assessment of Course Quality

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





Assessment Areas/Issues	Assessor	Assessment Methods
Other		

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

Assessment Methods (Direct, Indirect)

G. Specification Approval

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

