



Philadelphia University
Faculty of Engineering & Technology
Department of Architecture
1st Semester, academic year (2018 – 2019)

Course syllabus

Course Title: Architectural Design 4	Course Code: 0660253
Lecture Time: 12:10 – 16:00 Sun. , Tue.	Credit Hours: 4 Hours
Hall: 406	Contact Hours: 8 Hours

Academic Staff Specifics

Name	Rank	Office No.	Office hours	E-mail address
Hadeel AlQudah	Lecturer	406	As shown	hadeelalqudah@yahoo.com

Course Description:

In this comprehensive design studio, students apply the knowledge and skills acquired in all previous design studios, theory and technical courses. It aims to refine and enhance the student's abilities in solving design problems, taking into account the social economic and environmental requirements of the project, It also requires consideration and solution of the structural system.

Content:

This course has two projects; everyone should have its own analysis for the given site, in addition to analysis for standards and similar case studies. A sketch design will be given through the semester as determined in course calendar. The course deals with details such structural system, building material, socio-economic factors, and integration with the surrounding context. Students will gain a comprehensive background in design process by the regular Criticism they have from the lecturer in addition to the internal and external jury that will be held.

Course objectives:

This course aims essentially to improve the student's understanding of different inputs of design which involves dealing with conceptual, functional, contextual, structural, technical, and environmental problems together. Systematic introduction to issues related with the

design of human habitat, its components and space standards. This main goal can be achieved by the following;

- Creating a creative and applicable architectural concept for a medium scale project
- Analyzing the project requirements and needs
- Applying the architectural standards of building types, codes, regulations and site planning
- Evaluating the urban context and site potentials
- Understanding the engineering systems' requirements.
- Remembering environmental performance of building elements and strategies

Teaching Activities:

Lecture, tutorial studios, assignments, presentations and discussions.

Learning outcomes:

An understanding of user needs-and its experience-and how they translate into program and manifestation in design in terms of space, materials and construction methodology in both the urban and traditional contexts.

Assessment instruments

- Exams (First, Second Exam).
- Project reviews and evaluation.
- Short reports and/ or presentations, and/ or Short research projects.
- Homework assignments.

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
First examination	5
Second examination	5
Projects submissions and developments, homework assignments	50
Final Project	40
Total	100

Course/ Module academic calendar

	Course Program	Calendar	Exams
1	Introduction to Architectural Design 3 course	16/10	
2	Beginning with Project 1	18/10	
3	Review Site analysis	23-25/10	
4	Review Cases study	30/10-1/11	
5	Final submission of Site analysis and Cases	6/11	

6	Day sketch	8/11	5%
7	Began to Design with concept	13-15/11	
8	Designing the Project	20-29/11	
9	Pre Final submission	4/12	
10	Final submission	6/12	
11	Day sketch	11/12	5%
12	Beginning with Project 2	13/12	
13	Site analysis and case study	18-20/12	
14	Began to Design with concept	27/12-3/1	
15	Designing the Project	3-10/1	
16	Pre final submission	15/1	
17	Final submission of three projects of Grid composition design.	17/1	

Expected workload:

On average students need to spend 5 hours of study and preparation for each 3 hours lecture/tutorial.

Attendance policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.