



Philadelphia University
Faculty of Engineering
Department of Architecture
1st semester, 2011/2012

Course Syllabus

Course Title: design 7	Course code: 660421
Course Level: 4 year	Course prerequisite (s) 660321
Lecture Time: Mon & Wed 12:00-4:00	Credit hours: 4

**Academic Staff
Specifics**

Name	Rank	Office Number and Location	Office Hours	E-mail Address
Eng.mulkia-al- dhaher- msc-	Teacher	No.: 61-316	.	
Arch. sami khoury - msc-	Teacher	No.: 61-312		
105, 106				

Course module description:

This course introduces students to design of public buildings such as, offices, hotels, and hospitals, taking in consideration the lows at organization, health, and environment. Using the modern technology in the work; electrical ; mechanical , acoustic .

Course module objectives:

- 1- To introduce students to a completely new design theme by studying the development of multi-functional building, and making them capable to deal with design principles through modeling
- 2- To develop student's imagination and thinking to visualize three-dimensional drawings that expresses his or her personality.
- 3- To develop students' abilities to introduce new concepts and themes.

Course/ module components

This course is achieved through 8 hours working studios per week by specialized tutors.

- **Books (title , author (s), publisher, year of publication)**

A number of journals and books are suggested at the end.

- **Support material: Students have to develop their own experience through looking at extensive examples from Internet and library and by visits to deferent sites and cities,**
- **Homework and laboratory guide: students are requested to prepare a sketch book, folder keeping,**

Teaching methods:

Studios over the week should provide the students with enough information to develop their projects and concepts. Students are requested to share and prepare material related. Sketch designs and long-term projects are carried out through the whole semester.

Learning outcomes:

- **Knowledge and understanding**

To build up abilities in designing three-dimensional multi-function buildings.

- **Cognitive skills (thinking and analysis).**

Develop personal abilities in design

- **Communication skills (personal and academic).**

Architectural students will be able to communicate and interpret their own design with others.

- **Practical and subject specific skills (Transferable Skills).**

This course will make the architectural students qualified to design ideas and complexities using proper methods.

Assessment instruments

Design drawings, sketches and projects are evaluated by a jury committee and instructors

- Final examination according to the following table:

-

Course/module academic calendar

Week No.	Dates	Requirements	Grades
1.	5/10/2011	Introduction to the first	
2.	12/10/2011	Site analysis & program analysis & case studies	10
3.	19/10/2011	Building Concept	
4.	26/10/2011	Building Concept	
5.	3/11/2011		
6.	10/11/2011	First prelim. Presentation	10
7.	17/11/2011		
8.	24/11/2011		
9.	30/11/2011		
10	7/12/2011	Pre-final presentation	20
11.	14/12/2009		
12.	21/12/2011		
13.	28/12/2011		

14.	4/1/2012		
15.	11/1/2012	Jury-final presentation	60
			100

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
First examination (Analysis + Concept)	20%
Second examination (Mid-term presentation)	20%
Final examination (jury and discussion)	60%
Total	100%

Expected workload:

On average students need to spend 8 hours in studio per week plus at least 12 hours at home to develop their own projects

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.