Philadelphia University
Faculty of Engineering
Department of Architecture
1st semester, 2022/2023

Course Syllabus

Course Title: Architectural Design (7)	**Course code:** (0660456)
Course Level:	**Course prerequisite(s):** (6) (0660355)
Lecture Time: 12:00-16:00 Mon-Wed	**Credit hours: 4**
Location: Hall 401	

Academic Staff Specifics

Name	Rank	Office Location & Number	Office Hours	E-mail Address
Dr. Asmaa Niazy Taher TA information: Fatima Zuraiqat	Associate professor	Third floor, No. 317	11:15-12:45 Son-Tues	aniazy@philadelphia.edu.jo

Course description:

Design of public complex buildings such as: offices, hotels, and hospitals, with emphasis on urban context. Design problems of increasing structural and service complexity will be set with

full opportunity, coordination, collection and analysis of data. Emphasis will be on preparation of design progress, preparing drawings and details.

Course Content: MIXED USED TOWER

Week	Topic		
1,2	Introduction of the project 1 - **Visiting the location** – Group work		
3	**Final Presentation** - Group work		**10%**
4	**The premier concept**		**5% 10%**
5	**Sketch design 1**	**(First Exam)**	**5%**
6	**First prelim Presentation**		**10%**
7	**design development**		
8	**Second prelim Presentation**		**10%**
9	**design development**		
10	**Sketch design 2**	**(Sec. Exam)**	**5%**
11	**Pre final Presentation**		**15%**
12-14	**design development**		
15	**Final Presentation**		**40%**

Course objectives:

Design a malty story institution involves problems of distinctive natures requiring analysis, solution and integration (functional, structural, environmental, expressional, etc...)

- The aim is to develop the student awareness to various aspects of architectural design

- The overall strategy to accomplish that is, to evaluate the end product in light of a serious, disciplined and systematic design process.

- In addition to the remarks stated above in Course description it is important to take the symbolism and expressing aspects of the project to express different forms depend on the identity of the contry.

Program Learning Outcomes (PLO):

1.	Pre-Design: *Ability* to prepare a comprehensive program for an architectural project that includes an assessment of client and user needs; an inventory of	B.1

	spaces and their requirements; an analysis of site conditions (including existing buildings); a review of the relevant building codes and standards, including relevant sustainability requirements, and an assessment of their implications for the project; and a definition of site selection and design assessment criteria	
2.	Integrative Design: *Ability* to make design decisions within a complex architectural project while demonstrating broad integration and consideration of environmental stewardship, technical documentation, accessibility, site conditions, life safety, environmental systems, structural systems, and building envelope systems and assemblies.	C.3

Grading policy:

Midterm Exam	30%
	10% Group work
	+5% premier concept
	+10% plan development
	+5% Sketch design 1
Home works	30%
	+10% Elevation, sections
	+5% Sketch design 2
	+15% Pre final
Final Exam	40%
Total:	100%

Attendance Regulation:

The semester has in total 64 credit hours. Total absence hours from classes and tutorials must not exceed 15% of the total credit hours. Exceeding this limit without a medical or emergency excuse approved by the deanship will prohibit the student from sitting the final exam and a zero mark will be recorded for the course. If the excuse is approved by the deanship the student will be considered withdrawn from the course.

Course/ resources

- Neufert, Ernst and Peter . Architect's Data . Oxford Brookes University .
- Time Saver Standards for Building Types . McGraw-Hill.