



**Philadelphia University**  
 Faculty of Engineering and Technology  
 Department of Architecture  
 First Semester 2021/2022

**Course Details:**

<b>Title:</b>	Architectural Design (7) (0660321)			
<b>Prerequisite:</b>	Architectural Design (6) (0660355)			
<b>Credit Hours:</b>	4 credit hours (16 weeks per semester, approximately 64 contact hours)			
<b>Course Logistics</b>	Term, class location and time, notation if online 12:00-16:00 Sun,Tues			
<b>Textbook:</b>	<ul style="list-style-type: none"> <li>• Neufert, Ernst and Peter . Architect's Data . Oxford Brookes University .</li> <li>• Time Saver Standards for Building Types . McGraw-Hill.</li> </ul>			
<b>References:</b>	Various illustrations on Data Show, books, magazines, site visits, and DVDs.			
<b>Course Description:</b>	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.			
	<b>Name</b>	<b>Rank</b>	<b>Office Number and Location</b>	<b>E-mail Address</b>
<b>Instructor:</b>	Dr. Asma' Niazy Taher (the coordinator)	Associate professor	61-417	<a href="mailto:aniazy@philadelphia.edu.jo">aniazy@philadelphia.edu.jo</a>
<b>TA information</b>	Fatima Zuraiqat			

**Course Outlines: Palace of justice**

Week	Topic
1,2	Introduction of the project 1 - Visiting the location – Group work

3	Final Presentation - Group work	10/27	10%
4	The premier concept 10%	11/10	5%
5	Sketch design 1	(First Exam 2021/11/17-25)	5%
6	First prelim Presentation	11/24	10%
7	design development		
8	Second prelim Presentation	12/8	10%
9	design development		
10	Sketch design 2	(Sec. Exam 2021/12/30-22)	5%
11	Pre final Presentation	12/29	15%
12-14	design development		
15	Final Presentation	2022/1/20	40%

## Course Learning Outcomes with reference to NAAB Student Outcomes:

Upon successful completion of this course, student should be able to:

1.	Pre-Design: <i>Ability</i> to prepare a comprehensive program for an architectural project that includes an assessment of client and user needs; an inventory of 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	B.1
2.	Integrative Design: <i>Ability</i> 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

## Assessment Guidance:

Evaluation of the student performance during the semester (total final mark) will be conducted according to the following activities:

**Projects:** Two Projects will be required, Main and secondary project.

**Quizzes:** Two Sketch design will be conducted during the semester.

## Grading policy:

First Exam	20%
	(10% Group work +5% premier concept +5% Sketch design 1

Second Exam	20%
	(10% First prelim +10% Second prelim)
Quizzes & Projects	20%
	(5% Sketch design 2 +15% Pre final)
<u>Final Exam</u>	<u>40%</u>
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.

February, 2017