



# Philadelphia University

Faculty of Engineering and Technology

Department of Architecture

First Semester 2022/2023

## Course Details:

<b>Title:</b>	Architectural Design 3 (0660252)			
<b>Prerequisite:</b>	Architectural Design 2 (0660151)			
<b>Credit Hours:</b>	4 credit hours (16 weeks per semester, approximately 128 contact hours)			
<b>Course Logistics</b>	Term, class location and time, notation if online			
<b>Textbook:</b>	Given by Instructor.			
<b>References:</b>	<ul style="list-style-type: none"> <li>• Ching, F.D.K., "<b>Architecture: form, space and order</b>", John Wiley and sons, Canada.L</li> <li>• aseau, P., (1989), "<b>Graphic thinking for Architects and Designers</b>", New York Van Nostrand Reinhold.</li> <li>• Wong, W., (1993), "<b>Principles of form and design</b>", New York.</li> <li>• White, T ,Edward (1983), "<b>Site Analysis</b>", United states of America.</li> </ul>			
<b>Course Description:</b>	<p><b>In Architectural Design 3</b>, issues concerning single-family residences, which are integrated in a specific urban environment of medium density, are thoroughly addressed. In addition to architectural synthesis, the notion of materiality and construction logic issues are introduced. Changes in everyday life and social perceptions on habitation are also taken into consideration, as parameters of architectural design, and the way these translate spatially and morphologically.</p>			
<b>Course Content:</b>	<ul style="list-style-type: none"> <li>• Organization of functional activities in relation to user requirements and the site.</li> <li>• Relating the system of horizontal &amp; vertical circulation, open spaces, parking etc.</li> <li>• Responding to socio-economic factors such as income levels, privacy, territoriality, socializing etc.</li> <li>• Considering materials, structure and services in relation to the design proposal.</li> <li>• Integration of plan forms &amp; three dimensional compositions.</li> <li>• Detailing for the physically handicapped and the elderly.</li> </ul>			
	<b>Name</b>	<b>Rank</b>	<b>Office Number and Location</b>	<b>E-mail Address</b>
<b>Instructor:</b>	Arch. Noor Al-Huda Abu Ghunmi	Lecturer	61-301	Nooralhuda.abugunmy@yahoo.com
<b>TA information</b>				

## Course Outlines:

Calendar	Topic
18/10	Introduction to Architectural Design 3 course
20/10	Beginning with Project 1
25-27/10	Review Site analysis and case study
1/11	Final submission of Site analysis and Cases
3/11	Began to Design with concept
10/11	Designing the Project
1/12	Pre-Final submission
6/12	Final submission
8/12	Beginning with Project 2
13/12	Project study (discussion)
22/12	Began to Design with concept
29/12-5/1	Designing the Project
7/1	Pre final submission
14/1	Final submission of three projects of Grid composition design.
19/1	Sketch Design

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

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

1.	Understanding residential spaces in both the urban and traditional contexts.	A2, B2
2.	Translating into program and manifestation in design in terms of space, materials and construction methodology.	A3
3.	Implementing all the knowledge and skills previously accumulated to reach to the comprehensive design.	A3

## Assessment Guidance:

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

**Sub-Exams:** The students will be subjected to two scheduled Drawing exams, first exam and second exam during the semester. Each exam will cover materials given in studios in the previous 3-4 weeks.

**Projects:** Two projects will be designed by students during the semester covering the residence buildings.

## Grading policy:

First and second Exams	10%
Project 1	50%
Project 2	40%

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Total: 100%

## Attendance Regulation:

The semester has in total 32 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.