



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

### Course Details:

<b>Title:</b>	Working drawing (0660334)
<b>Prerequisite:</b>	Building construction (2) (0660224)
<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>	<ul style="list-style-type: none"> <li>No limitations for books and publications for the subject</li> </ul>
<b>References:</b>	1. Styles and Bichard, Keith and Andrew, (2004) " WORKING DRAWINGS HANDBOOK ", Architectural Press, Elsevier, Burlington, MA  2. علي، هشام، (2009)، "تصميمات تنفيذية 1"، جامعة أسيوط، قسم العمارة، مصر.
<b>Course Description:</b>	This course emphasizes working drawing concept and its relevance to construction process, enabling students to prepare all drawings & details of an integrated building, taking into consideration local building codes.
<b>Website:</b>	<a href="http://www.philadelphia.edu.jo/academics/aahmad/">http://www.philadelphia.edu.jo/academics/aahmad/</a>
<b>Instructor:</b>	Eng Asmaa Al Sayyed Ahmad <b>Email:</b> Aahmad@philadelphia.edu.jo <b>Office:</b> architecture building, room 407 <b>Office hours:</b> Sun. Tue. Thu. 12:00-13:00, Mon. and Wed. 12:00-12:45
<b>Coordinator</b>	Eng. Asmaa Al Sayyed Ahmad
<b>TA information</b>	Eng. Rawan Al Omari

### Course Outlines:

Week	Topic
1	Introduction
2-3	AutoCAD & Structural systems revision
4	Preparing plans + site plan (project1)
5-6	Preparing elevations(project1)
7-9	Preparing sections(project1)
10-11	Preparing schedule (project1)
12	Preparing details(project1)
13	Preparing civil quantities
14	Preparing architectural quantities

## Course Learning Outcomes:

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

1.	Codes and Regulations	B3
2.	Technical Documentation.	B4
3.	Building Envelope Systems and Assemblies:	B7
4.	Financial Considerations	B10

## Assessment Guidance:

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

**Submissions :** The students will be subjected to eight scheduled submissions, during the semester. Each one will cover one to two drawings item.

**Quizzes:** (3-5) quizzes of (10-15) minutes will be conducted during the semester. The materials of the quizzes are set by the lecturer.

**Drawings:** Drawing will be handed out to the students through the practical class and should be drawn individually and submitted before or on a set agreed date. Student may be assigned to present project(s).

Cheating by copying from others is strictly forbidden and punishable by awarding the work with zero mark.

**Projects:** At least one project will be given to students; the students are required to work in small groups to prepare a presentation about site visiting

**Final Exam:** The students will undergo a scheduled final exam which will be divided into two-part practical part and a theoretical part.

## Grading policy:

First-third Submission	20%
Forth to fifth Submission	20%
Quizzes	5%
Projects	5%
Final submission (project2)	30%
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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.

September , 2022