



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

Course Details:

Title:	Building Specifications & Profession Fundamental (0660442)
Prerequisite:	Working Drawings (0660359)
Credit Hours:	3 credit hours (16 weeks per semester, approximately 48 contact hours)
Course Logistics	Term, class location and time, notation if online
Textbook:	Selected sections from several books
References:	1. العقود والمواصفات وحساب الكميات, اعداد المهندس داود خلف. 2. تشريعات الاردن المصدرة من قبل أمانة عمان 2018-2019
Course Description:	The principles of professional practice that determine the Architect's responsibilities practice and jobs and his relationships with concerned private and official parties in building construction principles of (private, design, consulting) administration, the estimate cost and CBM. In addition to quantity bills, specification of materials, different buildings, structural and non-structural elements, in accordance with the prepared working drawings, and included details.
Website:	http://www.philadelphia.edu.jo/academics/lalahmad
Instructor:	Eng.Lama Alahmad Email: lamaalahmadnsair@gmail.com Office: Architectural Engineering building, office no.61-420 Office hours: Thu. 9:00-12:00.
TA information	

Course Outlines:

Week	Topic
1-3	Contracts
4-8	Building Specifications
9-12	Profession Fundamental
13-14	Materials and quantities calculations
15-16	Discuss the Students reports.

Course Learning Outcomes with reference to NAAB Student Outcomes:

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

1.	The main Definitions of contracts and their types.	B4-D4
2.	Types of specifications of different materials and components.	B3-B4
3.	Understanding different types of buildings and its Profession Fundamental.	B3
4.	Learning how to calculate different types of material's quantities in term to calculate the initial coast.	B10

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 written exams, first exam and second exam during the semester. Each exam will cover materials given in lectures in the previous 3-4 weeks.

Projects: At least one project will be given to students; the students are required to work in small groups to design a lighting solution in a given room and use simulation tools to verify their results, such as physical model.

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

Final Exam: The students will undergo a scheduled final exam at the end of the semester covering the whole materials taught in the course.

Grading policy:

First Exam	20%
Second Exam	20%
Project	20%
Final Exam	40%
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Total:	100%

Attendance Regulation:

The semester has in total 45 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, 2021