



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

Course Details:

Title:	Free Hand Drawing (0660162)
Prerequisite:	None
Credit Hours:	2 credit hours (16 weeks per semester, approximately 32 contact hours)
Course Logistics	Term, class location and time, notation if online
Textbook:	Given by Instructor.
References:	<ul style="list-style-type: none"> • Ching, Francis. D.K., Design Drawing, Wiley, 2nd ed., 2010. • Lin, Mike W. Drawing and Designing with Confidence, Wiley. • Lewism David. Pencil Drawing Technique. Watson-Guption, New York, 1984.
Course Description:	The basic concern of this course is sketching as the foundation of strong design curriculum and a prerequisite course for all future designers. Sketching is about eye–hand coordination. We see (the eye), observe (the mind), and then record (the hand). This course will focus on Pencil skills as basic medium through which images are transferred and documented. It happens to be the ideal sketching tool because it is easy to pick up and inexpensive to cultivate. The flexibility and fluidity of pencil sketching is again another unique feature ideal for beginners. Knowledge and skills learned from pencil sketching are easily transferable to other design subjects, and the benefits are immeasurable and permanent.
Course Content:	<ul style="list-style-type: none"> • One-Point, Two-Point, Linear Perspective • Planar Analysis & Line Variation • Controlled Contour, Cross Contour, Blind Contour, Gesture Drawing • Free-Hand Perspective & Urban Sketching • Line into Value
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	Eng: Hadeel Al-Qudah

Course Outlines:

Calendar	Topic
17/10	1. Course outlines requirements

	2. Material and equipment
24/10	1. Introduction 2. Shade Tone Value
31/10	1. Tone, 2. shade and shadow analysis
7/11	1. Basic solids and 2. common objects in tone
14/11	1. Texture
21/11	1. Details sketching 2. Exam 1
28-12/12	1. Details sketching
26/12	1. Landscape composition 2. Exam 2
19/12-9/1	1. Landscape composition
16/1	1. Final project

Course Learning Outcomes with reference to NAAB Student Outcomes:

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

1.	To introduce the student to the fundamentals of engineering drawing.	A1
2.	To develop basic skills in the use of drawing instruments and drafting techniques.	B4
3.	To instill an attitude for neatness, orderliness, accuracy, speed, and legibility.	A1, B4
4.	To introduce drafting terminology.	B4

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 lectures and Labs in the previous 3-4 weeks.
- Quizzes:** (1-2) quizzes of (10-15) minutes will be conducted during the semester. The materials of the quizzes are set by the lecturer.
- Homework:** Tutorials sheets will be handed out to the students and homework should be drawn individually and submitted before or on a set agreed date.
Cheating by copying homework assignments from others is strictly forbidden and punishable by awarding the work with zero mark.
- Projects:** One project will be given to students at the end of the semester covering the 3D materials taught in the course.

Grading policy:

First Exam	10%
Second Exam	10%
Assignments, Homework and Quizzes	40%
Final Project	20%

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.