



Course Details:

Title:	Free hand course (0660150)
Prerequisite:	-
Credit Hours:	2 credit hours.
Course Logistics	First semester. 406 (13:15-15:15).
References:	<ul style="list-style-type: none">• All AutoCAD and 3dmax Books, and Websites related to the course Exercises. Ching, F.D.K., "Architecture: form, space and order", John Wiley and sons, Canada.• Laseau, P., (1989), "Graphic thinking for Architects and Designers", New York Van Nostrand Reinhold.• Wong, W., (1993), "Principles of form and design", New York.
Course Description:	<p>This course is mainly a practical oriented course. It is an introduction to freehand sketching. It provides a basis for which students can develop their graphic communication in architecture by expressing themselves using pencils and Pins paper or any other suitable media.</p> <p>As a practical course, the focus is to impart useful skills on the students in order to enhance their drawing abilities using freehand techniques (i.e. without the aid of mechanical drawing instruments) and prepare them for architectural design -a student use course in higher levels. Topics to be covered include Line exercises, sketching assembled objects, cars, trees and people around buildings. Rapid sketches of assembled objects, buildings and entourage to such buildings and image transfer on black and white media among others.</p>
Website:	
Instructor:	Arch. Rawan ALomari Email: romari@philadelphia.edu.jo Office: Engineering building, room 409 Office hours: Sun. Tue (10:00-11:00) Wed. (12:15-14:15)

Course Outlines:

	Course Program	Calendar	Remark
1	Line exercises: Horizontal, vertical, diagonal lines. Combination of lines, free forms.	Week 1	During this first class, it is expected that the lecturer will introduce the topic before students begin the practical

			work.
2	Sketching of simple objects within the studio.	Week 2	Pencils are used on paper using freehand skills to introduce students to the basics of observation
3	Rapid sketch of assembled objects outside the studio/classroom.	Week 3	Rapid sketch exercises are meant to establish a relationship between the students' eyes and hands through careful observation however with speed in mind.
4	Sketches of their postures	Week 4	Students are encouraged not to limit their practice to class periods alone but to continue working on themselves at leisure periods.
5	Sketches of cars, trees and people separately	Week 5	
6	Combined sketches of cars trees and people around buildings	Week 6	
7	Day sketch	Week 7	5%
8	Rapid sketch of Building on Campus.	Week 8	
9	Drawing of a plan, 2 sections and elevations of a room in students' hostel	Week 9	
10	Sketching and framing of a selected building on campus using the method of transfer of image from a picture to an A3 size paper using the grid method of Image transfer in black and white media.	Week 10	Transfer of image from picture(s) into a secondary surface with emphasis on accuracy of contents, similarity tonal value and proportionality.
11	Final submission	Week 10	
12	Tow dim. Design project from Grid	Week 10	
13	Day sketch	Week 11	5%
14	Tree dim. Horizontal layers project from tow dim. Grid project	Week 11	
15	Tree dim. Horizontal and vertical layers project from tow dim. Grid project	Week 12	
16	Pre final submission	Week 12	

17	Final submission of three projects of Grid composition design.	Week 13	
18	STREP TO ARCHITECTURE (Three dim. Design project).	Week 13	
19	development	Week 14	
20	Pre final submission	Week 14	
21	development	Week 15	
22	Final submission	Week 15	

Course Objectives:

The objectives of this course are to:

1. Improve students ability to draw using their hand and also enhance their graphic communication using different media; and
2. Prepare students for architectural graphics and design in higher levels.

Anticipated Learning Outcomes:

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

- Draw with ease any object placed before him/her (without the use of rulers, T-squares, set squares etc.).
- Attempt rapid or quick sketches with minimal mistakes.
- Execute the use of line as symbol, as contour, as form, as pattern (texture), as direction and as emphasis.
- Draw various forms, from natural landscapes and human figures.
- draw human activities and postures
- Apply and demonstrate a basic understanding of structure, proportion in the production of drawings.

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 MID exam; the exam will cover materials given in lectures in the previous 3-4 weeks.

Quizzes: (3-5) quizzes 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 solved individually and submitted before or on a set agreed date. Student may be assigned to present project(s).

Cheating by copying homework 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 individually.

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:

MID Exam	30%
Homework , Quizzes and projects	30%
Final Exam	40%
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Total:	100%

Attendance Regulation:

Absence from lectures and/or tutorials shall not exceed 15% (=7 sessions). Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/Faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the Dean approves the excuse, the student shall be considered to have withdrawn from the course.

2022