

Course Syllabus

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| 1 | Course title | Freehand Sketching 1 |
| 2 | Course number | 0942113 |
| 3 | Credit hours (theory, practical) | 1 Credit hour |
| | Contact hours (theory, practical) | 2 Practical hours per week |
| 4 | Prerequisites/co requisites | None |
| 5 | Program title | Bachelor of Architecture Engineering |
| 6 | Program code | 0902 |
| 7 | Awarding institution | The University of Jordan |
| 8 | School | School of Engineering |
| 9 | Department | Department of Architecture Engineering |
| 10 | Course level | Undergraduate, 1st year Students |
| 11 | Year of study and semester (s) | 2023/2024, Fall semester |
| 12 | Other department (s) involved in teaching the course | None |
| 13 | Language of Instruction | English |
| 14 | Delivery method | <input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online |
| 15 | Online platforms(s) | <input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others..... |
| 16 | Date of production/revision | 2020/ Oct 2023 |

16. Course Coordinator:

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17. Other instructors:

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18. Course Description:

Perception of architectural and artistic objects, volumes, textures, colours and materials. Means of expression in free hand sketching of forms and natural settings. Training by individuals and group work on the projection and enlargement of different images. Sketches including different plants, objects and people using pencil and other presentation media with special emphasis on the aesthetic proportions of objects.

19. Course aims and outcomes:

A- Aims:

- Utilising pencil (with all its shades and thicknesses to execute and communicate two- and three-dimensional drawings.
- Master the use of line as symbol, form, contour, pattern (texture), direction, and emphasis.
- Achieve the ability to recreate light; shadow, tone and texture on two-dimensional planes, thus, accurately represent still life, figurative and architectural subjects.
- Apply and demonstrate a basic understanding of structure, proportion.
- Expand student ability to imagine and articulate complicated forms into drawings.
- Enhance student ability to relate 2D drawings to 3D form.
- Improve student's skills in design and presentation techniques.

B- Intended Learning Outcomes (ILOs):

- A3. Visual Communication Skills: Ability to use appropriate representational media, such as traditional graphic and digital technology skills, to convey essential formal elements at each stage of the programming and design process.

20. Topic Outline and Schedule:

| Topic | Week | Achieved ILOs | Evaluation Methods | Reference |
|---|------|---------------|--------------------------------|-----------|
| Introduction | 1 | A3 | Lab assignment | |
| Pencil /Hatching techniques Ex.: Hatching | 2 | A3 | Lab assignments and home works | |
| Pencil /Hatching techniques Ex.: Cube and ellipses | 3 | A3 | Lab assignments and home works | |
| Pencil /Hatching techniques Ex.: Trees H.W.: white cube 20cm made from cardboard | 4 | A3 | Lab assignments and home works | |
| Shade and shadow Ex.: Cube | 5 | A3 | Lab assignments and home works | |
| 3d drawing construction lines Ex.: basic volumes and vase | 6 | A3 | Lab assignments and home works | |
| Midterm Exam | 7 | A3 | Exam | |
| Diagrams + Interlocking volumes 1 | 8 | A3 | Lab assignment and home works | |

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| Diagrams + Interlocking volumes 2 | 9 | A3 | Lab assignment and home works | |
| Diagrams + Interlocking volumes 3 | 10 | A3 | Lab assignments and home works | |
| Diagrams + Isometric in architecture | 11 | A3 | Lab assignments and home works | |
| Diagrams + Isometric in architecture | 12 | A3 | Lab assignment and home works | |
| Revision | 13 | A3 | Lab assignments and home works | |
| Final Exam | 14 | A3 | Exam | |

21. Teaching Methods and Assignments:

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| Development of ILOs is promoted through the following teaching and learning methods: | |
| 1- Lectures and Class Discussion: | Definition and discussions will precede each session and assignment. |
| 2-Demonstration: | Demonstration is presented to students in each session which explains the topic and exercise. |
| 3-Tutorials: | Students can use office hours for more info |
| 4-Laboratory: | The classroom setting for this course is a studio, a large open room with drawing tables. |
| 5- Assignments, Report, Projects: | There will be an assignment every week. |

22. Evaluation Methods and Course Requirements:

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| Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements: | |
| 1- Lab assignments , site assignments and home works | Weekly Studio-Time Exercises (50%) Weekly Homework & Sketchbook (10%) |
| 2- Exams: Time Table | Midterm exam, week 7: a lab assignment (20%) |
| | Final exam week 14: a lab assignment (20%) |

23. Course Policies:

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| <p>A- Attendance policies: Attendance is obligatory, the explanation of the exercise, the reference, the outcomes, the techniques needed; all these shouldn't be missed. Using E-learning weekly to view home works, marks, recommended readings, and supporting audio visuals is necessary. An absence of more than 15% of all the number of classes, which is equivalent of (2) classes, requires that the student provides an official excuse to the instructor and the dean.</p> <ul style="list-style-type: none"> <input type="checkbox"/> If the excuse was accepted the student is required to withdraw from the module. <input type="checkbox"/> If the excuse was rejected the student will fail the module and mark of zero will be assigned as suggested by the laws and regulations of the University of Jordan. Please refer to the student handbook: http://registration.ju.edu.jo/Documents/daleel.pdf. <p>B- Absences from exams and handing in assignments on time:</p> |
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All exercises are handed directly at the end of the studio session; home works are a media to have more experience and to train more at home.

Every student should take a photograph for every marked exercise and exam, and submit a file containing those photos on <https://elearning.ju.edu.jo/moodle10/>.

Absence from exams:

- The instructor will not do any make-up exams.
- Exceptions for make-up exams and late submission of class assignments will be made on a case-by case basis for true personal emergencies that are described as accepted by the regulations of UJ (e.g., student.com exam, documented medical, personal, or family emergency).

C- Health and safety procedures:

Students should be careful when using a scalpel to avoid injuries.

Sitting in a healthy way while drawing to avoid slipped disc.

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

There are strict university rules concerning the cheating, plagiarism and misbehaviour and all the students are introduced to these rules.

Any forms of academic misconduct will be handled according to the University of Jordan guidelines.

E- Grading policy:

Grades are related to the final achievement for each exercise, the process, the understanding, and the development.

F- Available university services that support achievement in the course:

Department's labs.

24. Course Requirements:

Students should bring all their tools: Pen, Pencil, Eraser, Sharpener, and Sketchbooks. And should draw at least 2 sketches in his/her sketchbook weekly.

25. References:

Required book (s), assigned reading and audio-visuals:

Course website on E-learning

Recommended books, materials, and media:

- Ching, F. 1990. Architectural Graphics, Van Nostrand Reinhold, New York, USA.
- Ching, F. 1989. Drawing a creative Process, Van Nostrand Reinhold, New York, USA.
- Dodson, B. 1985. Keys to Drawing, North Light Press, Cincinnati, USA
- Forseth, k. 2001. Graphics for Architecture, Van Nostrand Reinhold, New York, USA.

26. Additional information:

This course is designed to introduce new architecture students to the concept of freehand sketching as an auxiliary tool for the students throughout the upcoming years of learning architecture and in the industry in the near future. By exercising the freehand drawing of elements including the variety of hatching, three-dimensional shapes, objects including planting and the human scale and by practicing handwriting and architectural lettering, students are expected to examine and develop their overall freehand sketching skills.

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| Name of Course Coordinator: Hibatullah Stetieh Signature: ----- Date: 13-10-2022 |
| Head of Curriculum Committee/Department: ----- Signature: ----- |
| Head of Department Prof. Nabeel AlKurdi Signature: ----- |
| Head of Curriculum Committee/Faculty: ----- Signature: ----- |
| Dean: ----- Signature: ----- |