1	Course title	Freehand sketching 2
2	Course number	0932114
3	Credit hours (theory, practical)	1 Credit hour
	Contact hours (theory, practical)	2 Practical hours per week
4	Prerequisites/co requisites	Freehand sketching 1
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	Level of course	Undergraduate, 1st year Students
11	Year of study and semester (s)	2023/2024, Spring semester
12	Other department (s) involved in teaching the course	None
13	Language of Instruction	English
14	Delivery method	■Face to face learning ☐Blended ☐Fully online
15	Online platforms(s)	■Moodle ■Microsoft Teams ☐Skype ☐Zoom ☐Others…………
16	Date of production/revision	2019/2024

16. Course Coordinator:

Hibatullah Stetieh,
Phone number: 06 5355000 Ext. 27171,
Email addresses: h.stetieh@ju.edu.jo

17. Other instructors:

Sarinaz Suleiman,
Phone number: 06 5355000 Ext 27167,
Email addresses: s.suleiman@ju.edu.jo

Fadia Nassar,
Phone number: 06 5355000 Ext 27171,
Email addresses: f.alnassar@ju.edu.jo

18. Course Description:

Basic techniques of graphics and painting which render means of documenting visual, artistic and architectural compositions. Principles of composing and structuring two and three-dimensional configurations. Abstract plastic models of architectural and structural compositions. Rendering techniques including pencil, ink, coloured pencil and marker.

19. Course aims and outcomes:

A- Aims:

- Development of a visual sensibility/rigor through the use of freehand drawing.
- Improve student's skills in design and presentation techniques.
- Achieve the ability to recreate light; shadow, tone and texture on three-dimensional drawing.
- Apply and demonstrate a basic understanding of structure, proportion.
- Expand student ability to imagine and articulate complicated forms into drawings.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to

- 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	Course manual
Pencil/ ink proportions/human figure	2	A3	Lab assignments and home works	Course manual
Pencil human figures/ one point perspective	3	A3	Lab assignments and home works	Course manual
Pencil Interior/ one point perspective	4	A3	Lab assignments and home works	Course manual
ink / two point perspective	5	A3	Lab assignment and home works	Course manual
Coloured Pencil perspective	6	A3	Lab assignments and home works	Course manual

Eid al Fitr	7			Course manual	
Midterm Exam	8	A3	Exam	Course manual	
Coloured Pencil Architecture/ one point perspective	9	A3	Lab assignments and home works	Course manual	
Coloured Pencil Architecture/ two point perspective	10	A3	Lab assignments and home works	Course manual	
Markers Trees in plan and elevation	11	A3	Lab assignments and home works	Course manual	
Markers Perspective	12	A3	Site assignment and home works	Course manual	
Final Exam	13	A3	Exam		

21. Teaching Methods and Assignments:

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:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1- Lab assignments , site assignments and home works	60%
2- Exams: Time Table	Midterm exam, week 7: a lab assignment (20%)
	Final exam week 14: a lab assignment (20%)

23. Course Policies:

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.

☐ If the excuse was accepted the student is required to withdraw from the module.
☐ 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.

B-   Absences from exams and handing in assignments on time:
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 CD containing those photos at the final exam.
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.

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. Required equipment: (Facilities, Tools, Labs, Training….)

Facilities: Labs, lighting sources, 3d objects.
Tools: the students should bring all their tools: Pen, Pencil, Eraser, Sharpener, Coloured Pencils, Markers and Sketchbooks.
Training: The student should draw at least 2 sketches in his/her sketchbook weekly.

25. References:

Required book (s), assigned reading and audio-visuals:
https://practicalpages.wordpress.com/2010/03/09/van-goghs-bedroom-in-arles-finding-perspective/
https://www.youtube.com/watch?v=oRYhzrZ8G_Y
https://www.art-is-fun.com/colored-pencil-instruction

https://www.youtube.com/watch?v=_d-WVUx3zbY
https://www.youtube.com/watch?v=tFGBQJCnwbI
https://www.creativebloq.com/features/10-pen-and-ink-drawing-techniques-and-tips
https://www.youtube.com/watch?v=ZU70tmLNb9k

Recommended books, materials, and media:
1- Ching**,** F. 1990. **Architectural Graphics**, Van Nostrand Reinhold, New York, USA.
2- Ching**,** F. 1989. **Drawing a Creative Process**, Van Nostrand Reinhold, New York, USA.
3- Coulin, Claudius, 1966, **Step by Step Perspective Drawing**, Van Nostrand Reinhold, New York, USA.
4- Dodson, B. 1985. **Keys to Drawing**, North Light Press, Cincinnati, USA
5- Felix, K. 1994, **Perspective in Architecture Drawings**, Prentice Hall Press, New York, USA.
6- Forseth, k. 2001. **Graphics for Architecture**, Van Nostrand Reinhold, New York, USA.
7- Janet, S. 1993. **Sketching & Rendering For Design Presentation**, Pw Publishers, Boston, USA.
8- Laseau, p. 1987, **Ink-line Sketching**, Van Nostrand Reinhold, New York, USA.
9- Lockard, k. 1982. **Design Drawing**, Pepper Publishing, Tucson, USA
10- Battevshill, Norman, **Improve your drawing**
11- Yanes, Magali & Dominguez Ernest, **Free hand Drawing For Architects and Interior Designers**
12- Kasprsin, Ron, **Design Media**
13- Halse, A. O. **Architectural Rendering**
14- Gill, R. **Rendering with pen and ink**
15- Lin, M. 1993. **Drawing and Designing with Confidence,** John Wiley &Sons, New York, USA.
16- Loackardm William, Drawing as a means to Architecture.
17- Linton, H. 1990. **Architectural Sketching in Markers,** Van Nostrand Reinhold, New York, USA.

26. Additional information:

Name of Course Coordinator: ----------------------------------Signature: ----------------- Date: ------------

Head of curriculum committee/Department: ---------------------------- Signature: --------------------------

Head of Department: -- Signature: ----------------------

Head of curriculum committee/Faculty: ---------------------------------- Signature: -------------------

Dean: --- -Signature: ---

Copy to:
Head of Department
Assistant Dean for Quality Assurance
Course File

QF-AQAC-03.02.1.2