



Course E-Syllabus

1	Course title	Communication Architectural skills
2	Course number	0932213
3	Credit hours	2
	Contact hours (theory, practical)	2 hours Studio
4	Prerequisites/corequisites	Engineering drawing and descriptive engineering
5	Program title	Architecture engineering
6	Program code	2
7	Awarding institution	University of Jordan
8	School	Engineering
9	Department	Architecture engineering
10	Level of course	2
11	Year of study and semester (s)	Second Year/ First semester + Second semester
12	Final Qualification	B.Sc. Architecture engineering
13	Other department (s) involved in teaching the course	-----
14	Language of Instruction	English & Arabic
15	Teaching methodology	<input type="checkbox"/> Blended <input type="checkbox"/> Online
16	Electronic platform(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input checked="" type="checkbox"/> Zoom <input type="checkbox"/> Others.....
17	Date of production/revision	

18 Course Coordinator:

Name: Dr. Hasan ISAWI
Office number: 0096265355000
Phone number:
Email: hasanisawi@ju.edu.jo

19 Other instructors:

Name:
Office number:
Phone number:
Email:

Name:
Office number:
Phone number:
Email:

20 Course Description:

As stated in the approved study plan.

This course seeks to involve various manual and digital, 2d and 3d drawing techniques, (including material modeling) to manipulate and represent architectural space

21 Course aims and outcomes:

A- Aims:

Providing students with the following:

- Students develop fundamental skills in manual and digital drawing of various types of perspective and shadow theory
- develop fundamental skills in Adobe Photoshop, AutoCAD,
- Students learn to make near-realistic digital perspective scenes from freehand drawings
- develop visual presentation skills such as portfolio and layout design
- learn the techniques of perspective restitution to obtain the true proportions of a building starting from a photograph of it

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

Additionally, this course aims to help improve the following skills:

1. The ability to communicate using design ideas
2. a variety of methods: oral, textual, visual, physical and digital; application of both two-dimensional and 3d digital techniques

22. Topic Outline and Schedule:

Week	Lecture	Topic	Teaching Methods*/platform	Evaluation Methods**	References
1	1	Digital retouch of a freehand sketch: one point perspective	online meeting		https://architectural-communication-skills.blogspot.com/2020/01/1-digital-retouch-of-freehand-sketch.html
	2	digital retouching of a two-point perspective	Synchronous lecturing/meeting;	Homework	https://architectural-communication-skills.blogspot.com/2020/02/2-digital-retouching-of-two-point.html
2	3	"digital retouching of a "Three Point Perspective. bottom view	Asynchronous lecturing/	Homework	https://architectural-communication-skills.blogspot.com/2021/03/blog-post.html

	4	"digital retouching of a "Three Point view from above	Real meeting	drawings in the laboratory	https://architectural-communication-skills.blogspot.com/2021/03/4.html
3	5	a horizontal perspective	Synchronous lecturing/meeting;	Homework	reference drawings on the blog
	6	the creation of a 3d environment that reflects your psychological state in this exceptional period	Asynchronous lecturing/	Homework	https://architectural-communication-skills.blogspot.com/2021/04/6.html
3	7	add two floors above the volumes shown in the picture, provided that the geometric pattern shown in the same volumes is repeated, but in a simplified manner.	Real meeting	drawings in the laboratory	https://architectural-communication-skills.blogspot.com/2021/04/blog-post.html
	8	Midterm exam	Synchronous lecturing/meeting;		https://architectural-communication-skills.blogspot.com/2021/04/1.html
4	9	Geometric restitution of perspective	Asynchronous lecturing/	Homework	https://architectural-communication-skills.blogspot.com/2021/04/7-geometric-restitution-of-perspective.html
	10	Modern Intervention to Historic Architecture	Real meeting	drawings in the laboratory	https://architectural-communication-skills.blogspot.com/2021/04/8-modern-intervention-to-historic.html
5	11	retouching An aerial photo	Synchronous lecturing/meeting;	Homework	https://architectural-communication-skills.blogspot.com/2021/05/9-retouching-aerial-photo.html
	12	Improve a dramatic scene in jerusalem palestine	Real meeting	drawings in the laboratory	https://architectural-communication-skills.blogspot.com/2021/05/10-improve-dramatic-scene-in-jerusalem.html
6	13	interior Perspective	Synchronous lecturing/meeting;	Homework	
	5.3		Asynchronous lecturing/	Homework	
	6.1		Real meeting	drawings in the laboratory	
7	6.2		Synchronous lecturing/meeting;	Homework	
	6.3		Asynchronous lecturing/	Homework	
8	7.1	dwg 18	Real meeting	drawings in the laboratory	
	7.2		Synchronous lecturing/meeting;	Homework	
	7.3		Asynchronous lecturing/	Homework	
8	8.1	shadows in orthographic projections and perspective	Real meeting	drawings in the laboratory	

	8.2		Synchronous lecturing/meeting;	Homework	
9	8.3	Shade and Shadow	Asynchronous lecturing/	Homework	
		final exam test			

- Teaching methods include: Synchronous lecturing/meeting; Asynchronous lecturing/meeting
- Evaluation methods include: Homework, Quiz, Exam, pre-lab quiz...etc

23 Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	Period (Week)	Platform
weekly reviews and discussions in the classroom or on Zoom	two marks for each task	Perspective	1 to 2	Class meetings, zoom, and reviews via Moodle
//	//		3 to 4	//
//	//	Orthogonal projections	5 to 6	//
//	//	Axonometric projections	7 to 8	//

24 Course Requirements (e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc):

--

25 Course Policies:

A- Attendance policies:

- Attendance for lecture and studio is mandatory. Attendance will be taken on every lecture and in studio throughout the semester.
- If you must miss a class meeting, contact your tutor and explain the reason for your absence, or contact your tutor upon your return to determine what work you missed.
- Work will take place in the studio
- You are expected to work on assigned projects during class time, even if you are not directly engaged with your tutor.
- An absence of more than 15% of all the number of classes, which is equivalent of (3) 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 stated in the laws and regulations of the University of Jordan. Please refer to pages 133 and 134 of the student's handbook.

B- Absences from exams and submitting assignments on time:

- For weekly exercises: one day late lose 30%, 2-3 days late students lose 50%, more is not accepted unless the student has an accepted excuse.
- Final exam, make-up exams will be arranged if justifications for missing the exam satisfy the above. It is the student's responsibility to provide an excuse for the absence within three days to schedule a make-up session; otherwise, the recorded score for that exam for the student will be a zero.

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

- Students are expected to observe all University guidelines pertaining to academic misconduct.
- Students should show all sketches he/she went through to achieve the final design.

E- Grading policy:

- Weekly Exercises (30 %)
- Midterm Exam (20%)
- Final Exam (50%)

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

- studios, data show, hanging boards, Jury Hall

26 References:

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

- Ching, Francis DK. (1985). Architectural graphics. New York: Van Nostrand Reinhold Co.

B- Recommended books, materials and media:

- Migliari. R. Rome, 2012, the fundamentals of the disciplines of representation and survey
- Arthur Thompson. 1999, Architectural Design Procedures
- MIGLIARI, Riccardo. 2008. Rappresentazione come sperimentazione. In Ikhnos - Analisi grafica e storia della rappresentazione. Siracusa: LOMBARDI Editori,
- FALLAVOLLITA, Federico. 2009. Le superfici rigate. In MIGLIARI Riccardo, Geometria descrittiva. Novara: CittàStudi Edizioni, , vol II - Tecniche e applicazioni,

27 Additional information:

--

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

Head of Curriculum Committee/Department: ----- Signature: -----

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

Head of Curriculum Committee/Faculty: ----- Signature: -----

Dean: ----- Signature: -----