

## Course Syllabus

1	<b>Course title</b>	Architectural Drawing and Presentation
2	<b>Course number</b>	0992115
3	<b>Credit hours</b>	3 Credit hours
	<b>Contact hours (theory, practical)</b>	1 Lecture hour & 4 Practical hours per week
4	<b>Prerequisites/corequisites</b>	Engineering Drawing and Descriptive Geometry
5	<b>Program title</b>	Bachelor of Architecture Engineering
6	<b>Program code</b>	0902
7	<b>Awarding institution</b>	The University of Jordan
8	<b>School</b>	School of Engineering
9	<b>Department</b>	Department of Architecture Engineering
10	<b>Course level</b>	Undergraduate, 1st year Students
11	<b>Year of study and semester (s)</b>	2022/2023, Fall semester
12	<b>Other department (s) involved in teaching the course</b>	None
13	<b>Main teaching language</b>	English
14	<b>Delivery method</b>	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online
15	<b>Online platforms(s)</b>	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
16	<b>Issuing/Revision Date</b>	2022

### 17 Course Coordinator:

Name:	Hibatullah Stetieh	Contact hours: Sun. & Tue 11:30-12:30, Tue. 8:30-9:30
Office number:	-	Phone number: 06 5355000 Ext. 27171
Email:	<a href="mailto:h.stetieh@ju.edu.jo">h.stetieh@ju.edu.jo</a>	



### 18 Other instructors:

None

### 19 Course Description:

Various techniques of drafting, architectural expressions and projection. Perspective drawings using one and two vanishing points. Techniques of structuring interior and exterior perspectives of buildings, using various means of architectural presentation. The effect of shade and shadow on architectural drawings. Projection of different forms and shapes of buildings.

### 20 Course aims and outcomes:

A- Aims:

Providing students with the following skills:

- Perceiving the rules of the geometrical space and then to represent them in an unequivocal way, both technically (orthogonal projections, axonometric projections) and perceptually (perspective and theory of shadows).
- Using freehand sketching techniques as a preliminary stage of any representation.
- Applying descriptive geometry theories to represent architectural volumes.
- Using various methods of representation.
- Read and write the geometric space and its projections.

B- Students Learning Outcomes (SLOs):

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

- (1) Draw and represent 2d and 3d drawings of an architectural project.
- (2) Imagine the architectural space through the representations of existent architectural projects.

SLOs	A	B	C	D	E	F	G	H	I	J	K
SLOs of the course											
1											
2											

## 21. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
1	1.1	Introduction letters & basic shapes	1	Face to Face	-	-	Lab assignment and homework	All
	1.2	Plan	1& 2	Face to Face	-	-	Lab assignment and homework	All
2	2.1	Elevation	1& 2	Face to Face	-	-	Lab assignment and homework	All
	2.2	Section	1& 2	Face to Face	-	-	Lab assignment and homework	All
3	3.1	Quiz	1& 2	Face to Face	-	-	Lab assignment and homework	All
	3.2	Site plan	1& 2	Face to Face	-	-	Lab assignment and homework	<a href="https://earning.ju.edu.jo/moodle/10/mod/resource/view.php?id=62989">https://earning.ju.edu.jo/moodle/10/mod/resource/view.php?id=62989</a>
4	4.1	Orthogonal projections	1	Face to Face	-	-	Lab assignment and homework	All
	4.2	Quiz	1	Face to Face	-	-	Quiz	All

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
5	5.1	Isometric	1& 2	Face to Face	-	-	Lab assignment and homework	All
	5.2	Quiz	1& 2	Face to Face	-	-	Quiz	All
6	6.1	2pt perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All
	6.2	Inclined planes perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All
7	7.1	Circles in perspective	1& 2	Face to Face	-	-	Lab assignment and homework	<a href="https://elearning.ju.edu.jo/moodle/10/mod/url/view.php?id=63003">https://elearning.ju.edu.jo/moodle/10/mod/url/view.php?id=63003</a>
	7.2	Interior shots: 2 pt. perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All
8	8.1	Stairs in perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All
	8.2	Midterm exam	1& 2	Face to Face	-	-	Midterm exam	All
9	9.1	Discussing exam+ 1pt. perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All
	9.2	Interior shots: 1 pt. perspective	1& 2	Face to Face	-	-	Lab assignment and homework	All

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
10	10.1	Shade and shadow on plan and elevation	1& 2	Face to Face	-	-	Lab assignment and homework	All
	10.2	Shade and shadow on plan and elevation	1& 2	Face to Face	-	-	Lab assignment and homework	All
11	11.1	Shade and shadow on isometry	1& 2	Face to Face	-	-	Lab assignment and homework	All
	11.2	Shade and shadow on isometry	1& 2	Face to Face	-	-	Lab assignment and homework	All
12	12.1							
	12.2	Shade and shadow on section	1& 2	Face to Face	-	-	Lab assignment and homework	All
13	13.1							
	13.2	Quiz	1& 2	Face to Face	-	-	Quiz	All
14	14.1	Shade and shadow on stairs	1& 2	Face to Face	-	-	Lab assignment and homework	All
	14.2	Revision	1& 2	Face to Face	-	-	Lab assignment and homework	All
15	15.1	Final exams	1& 2	Face to Face	-	-	Final exam	All
	15.2							



## 22 Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Lab assignments, quizzes and homework	30%	All	1,2	Week 1-14	Moodle
Midterm exam	30%	All studied	1,2	Week 8	-
Final exam	40%	All studied	1,2	See Architecture Engineering Departments' announcement	-

## 23 Course Requirements

**Students should bring all drafting tools, and A3 sheets every lab.**

## 24 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 (4) 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 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.

## 25 References:

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

Course website on E-learning

B- Recommended books, materials, and media:

- اسكانيين، سوسي والحريستاني، ربيع، 1998. فن المنظور والإظهار المعماري، دار القيس للطباعة والنشر، بيروت.
- Forseth, k. 2001. Graphics for Architecture, Van Nostrand Reinhold, New York, USA.
- 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
- Felix, K. 1994. Perspective in Architecture Drawings, Prentice Hall Press, New York, USA.



- Janet, S. 1993. Sketching & Rendering for Design Presentation, Pw Publishers, Boston, USA.
- Lockard, k. 1982. Design Drawing, Pepper Publishing, Tucson, USA.

## 26 Additional information:

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