



Form: Course Syllabus	Form Number	EXC-01-02-02A
	Issue Number and Date	2/3/24/2022/2963 05/12/2022
	Number and Date of Revision or Modification	2/(10/12/2023)
	Deans Council Approval Decision Number	2/3/24/2023
	The Date of the Deans Council Approval Decision	23/01/2023
	Number of Pages	08

1.	Course Title	Building Legislation
2.	Course Number	0902353
3.	Credit Hours (Theory, Practical)	3 Credit Hours
	Contact Hours (Theory, Practical)	3 Theory Hours per Week
4.	Prerequisites/ Corequisites	None
5.	Program Title	Bachelor of Architecture Engineering
6.	Program Code	0902
7.	School/ Center	School of Engineering
8.	Department	Department of Architecture Engineering
9.	Course Level	Undergraduate, 3rd Year Students
10.	Year of Study and Semester (s)	2024/2025, Second Semester
11.	Program Degree	BSc.
12.	Other Department(s) Involved in Teaching the Course	None
13.	Learning Language	English
14.	Learning Types	<input type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input checked="" 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.	Issuing Date	23/02/2025
17.	Revision Date	23/02/2025

18. Course Coordinator:

Name: Wael W. Al-Azhari
 Office Number: -
 Contact Hours: Monday and Wednesday 10:30 AM-12:00 AM
 Phone Number: 06 5355000 Ext: 27158
 Email: w.alazhari@ju.edu.jo

19. Other Instructors:

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20. Course Description:

Introduction to building legislation, regulations and codes governing building in cities and villages in Jordan. Impact of the application of norms and codes on the architectural design.

21. Program Intended Learning Outcomes: (To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

PLO's	*National Qualifications Framework Descriptors*		
	Competency (C)	Skills (B)	Knowledge (A)
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Choose only one descriptor for each learning outcome of the program, whether knowledge, skill, or competency.

22. Course Intended Learning Outcomes: (Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

Course ILOs #	The learning levels to be achieved						Competencies
	Remember	Understand	Apply	Analyse	Evaluate	Create	
1. To know the buildings regulations in Jordan.							Adaptability
2. To know the buildings codes in Jordan.							Critical Thinking
3. To enhance the student's ability to read and understand the architectural documents							Collaboration and Teamwork
4. To enhance the student's ability to implement the regulations.							Technical Proficiency



23. The matrix linking the intended learning outcomes of the course -CLOs with the intended learning outcomes of the program -PLOs:

PLO's*	CLO's	1	2	3	4	Descriptors**		
		A	B	C				
	A. Develop an intellectual base of knowledge in architecture's historical, theoretical, practical, and technological aspects and understand the interaction with allied disciplines such as engineering, mathematics, and arts.							
	B. Identify and analyze architectural problems using critical thinking skills, and synthesize innovative, sustainable, and contextually appropriate architectural solutions that incorporate skills developed from core to advanced design coursework.							
	C. Design sustainable and user-centered solutions to meet specified public health, safety, and welfare requirements, while considering and responding to cultural, social, environmental, and technological factors across various scales and complexity levels.							
	D. Demonstrate proficiency in applying and developing architectural skills, techniques, tools, and technological advancements necessary for effective and innovative architectural practice.							
	E. Communicate and collaborate effectively with a wide range of audiences to carefully receive and eloquently deliver ideas through various communication methods.							
	F. Adhere to ethical, legal, and professional standards and responsibilities in architectural practice, and demonstrate an understanding of the architect's role in society.							
	G. Employ architectural research methods and critical thinking skills to assess and propose sustainable built environment solutions and demonstrate commitment to lifelong learning and continuous development.							

*Linking each course learning outcome (CLO) to only one program outcome (PLO) as specified in the course matrix.

**Descriptors are determined according to the program learning outcome (PLO) that was chosen and according to what was specified in the program learning outcomes matrix in clause (21).



24. Topic Outline and Schedule:

Week	Lecture	Topic	ILLO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous/ Asynchronous Lecturing	Evaluation Methods	Learning Resources
1	1.1	Course Introduction	1	Online	-	-	Midterm and final exams	1, 2, and 3
	1.2	Course Introduction	1	Online	-	-	Midterm and final exams	1, 2, and 3
2	2.1	Clause 1-9	3 and 4	Online	-	-	Midterm and final exams	1, 2, and 3
	2.2	Clause 1-9	1, 2, 3, and 4	Online	-	-	Midterm and final exams	1
3	3.1	Clause 10-16	3	Online	-	-	Midterm and final exams	1, 2, and 3
	3.2	Clause 10-16	3	Online	-	-	Midterm and final exams	1, 2, and 3
4	4.1	Clause 17-23	4	Online	-	-	Midterm and final exams	2
	4.2	Clause 17-23	4	Online	-	-	Midterm and final exams	2
5	5.1	Clause 24-29	1, 2, 3, and 4	Online	-	-	Midterm and final exams	4 and 5
	5.2	Clause 24-29	1, 2, 3, and 4	Online	-	-	Midterm and final exams	4 and 5
6	6.1	Clause 30-34	2 and 4	Online	-	-	Midterm and final exams	4 and 5
	6.2	Clause 30-34	2 and 4	Online	-	-	Midterm and final exams	4 and 5
7	7.1	Midterm Exam	1, 2, 3, and 4	Online	-	-	Midterm and final exams	1 and 2
	7.2		1, 2, 3, and 4	Online	-	-	Midterm and final exams	1 and 2
8	8.1	Clause 35-41	3	Online	-	-	Midterm and final exams	1 and 2
	8.2	Clause 35-41	3	Online	-	-	Midterm and final exams	1 and 2
9	9.1	Clause 42-51	2 and 4	Online	-	-	Midterm and final exams	2
	9.2	Clause 42-51	2 and 4	Online	-	-	Midterm and final exams	2
10	10.1	Clause 52-59	2, 3, and 4	Online	-	-	Midterm and final exams	1
	10.2	Clause 52-59	2, 3, and 4	Online	-	-	Midterm and final exams	1
11	11.1	Clause 60-68	2, 3, and 4	Online	-	-	Midterm and final exams	1
	11.2	Clause 60-68	2, 3, and 4	Online	-	-	Midterm and final exams	1



Week	Lecture	Topic	ILO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous/ Asynchronous Lecturing	Evaluation Methods	Learning Resources
12	12.1	Clause 69-75	2 and 4	Online	-	-	Midterm exam	3
	12.2	Clause 69-75	2 and 4	Online	-	-	Midterm exam	3
13	13.1	Architectural Codes	2 and 4	Online	-	-	Midterm exam	3
	13.2	Architectural Codes	2 and 4	Online	-	-	Midterm exam	3
14	14.1	Students Presentation	B, E, and I	Online	-	-	Oral Skills	1
	14.2	Students Presentation	B, E, and I	Online	-	-	Oral Skills	1
15	15.1	Students Presentation	B, E, and I	Online	-	-	Oral Skills	3
	15.2	Students Presentation	B, E, and I	Online	-	-	Oral Skills	3

25. Evaluation Methods:

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

Evaluation Activity	Mark wt.*	CLO's			
		1	2	3	4
First Exam	30%				
Second Exam –If any					
Final Exam	40%				
**Class work					
Projects/reports					
Research working papers					
Field visits					
Practical and clinical					
Performance Completion file	10%				
Presentation/ exhibition	20%				
Any other approved works					
Total 100%	100%				



* According to the instructions for granting a bachelor's degree.

**According to the principles of organizing semester work, tests, examinations, and grades for the bachelor's degree.

Mid-term exam specifications table*

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CLO/ Weight	CLO no.
Create %10	Evaluate %10	Analyse %10	Apply %20	Understand %20	Remember %30					
1	1	1	4	2	1	10	30	30	10%	1
		1	2	2		5	30	30	5%	2
	1	1	1	2		5	30	30	5%	3
1	2	1	3	2	1	10	30	30	10%	4

Final exam specifications table

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CLO Weight	CLO no.
Create %10	Evaluate %10	Analyse %10	Apply %20	Understand %20	Remember %30					
1	1	2	2	3	1	10	40	40	10%	1
1	2	2	2	2	1	10	40	40	10%	2
	2	2	3	3		10	40	40	10%	3
	2	2	3	3		10	40	40	10%	4

26. Course Requirements:

Development of ILOs is promoted through the following teaching and learning methods:

- The course information and materials are located through the E-Learning system. All students are informed through their JU E-Learning account.
- Weekly classes discussions reviewing material in the lectures.
- Group Presentations will be delivered and completed through in class time and office hours and by online submission. It is required that each group of students submit comprehensive analysis of a Code, explaining its importance and role in the architecture design process.

27. Course Policies:



A- Attendance policies:

- Attendance is obligatory, the explanation of the exercise, the reference, the outcomes, the techniques needed; all these should not be missed.
- Using E-learning weekly to view homework, 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.
- Sitting in a healthy way while drawing to avoid slipped disc.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

- There are strict university rules concerning the cheating, plagiarism and misbehavior 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:

- University Library.

28. References:

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

1. مجموعة القوانين والأنظمة المتعلقة بأمانة عمان الكبرى، قانون تنظيم المدن والقرى والآبنية رقم 79 لسنة 1966 وتعديلاته.
2. مجموعة القوانين والأنظمة المتعلقة بوزارة الأشغال العامة والإسكان، قانون البناء الوطني الأردني رقم 7 لسنة 1993 وتعديلاته.
3. مجموعة القوانين والأنظمة المتعلقة بأمانة عمان الكبرى، نظام الآبنية والتنظيم في مدينة عمان رقم 28 لسنة 2018 وتعديلاته.

Recommended books, materials, and media:

4. Billington, M., Barnshaw, S., Bright, K., Billington, M. and Crooks, A. 2017. *The Building Regulations: Explained and Illustrated*. London: John Wiley and Sons Ltd.
5. Tricker, R. and Alford, S. 2018. *Building Regulations Pocket Book*. New York: Routledge.

29. Additional information:



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Name of the Instructor or the Course Coordinator: **Wael W. Al-Azhari** Signature:  Date: **23/02/2025**

Name of the Head of Quality Assurance Committee/ Department	Signature: 	Date:
Name of the Head of Department	Signature:	Date:
Name of the Head of Quality Assurance Committee/ School or Center	Signature:	Date:
Name of the Dean or the Director	Signature:	Date: