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	
	Deans Council Approval Decision Number	2/3/24/2023
	The Date of the Deans Council Approval Decision	23/01/2023
	Number of Pages	06

1.	Course Title	Building Construction 2
2.	Course Number	0932234
3.	Credit Hours (Theory, Practical)	3
	Contact Hours (Theory, Practical)	6
4.	Prerequisites/ Corequisites	Building Construction 1
5.	Program Title	Architecture engineering
6.	Program Code	2
7.	School/ Center	Engineering
8.	Department	Architecture engineering
9.	Course Level	2
10.	Year of Study and Semester (s)	Second Year
11.	Other Department(s) Involved in Teaching the Course	
12.	Main Learning Language	
13.	Learning Types	☐Face to face learning ☐Blended ☐Fully online
14.	Online Platforms(s)	☐Moodle ☐Microsoft Teams
15.	Issuing Date	2019/2
16.	Revision Date	2025/2

17. Course Coordinator:

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18. Other Instructors:

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Name: Ayat Khreisat

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Name: Qusai Altarawneh

Phone Number:0797433832

19. Course Description:

As stated in the approved study plan.

Building construction in general is introducing the construction methods used in traditional and modern buildings and soil on which the buildings will be constructed, the quality of the foundations and the methods of implementation, and everything related to the building in terms of building material and its characteristics and methods of implementation and parts of the building.

20. 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)

1. 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.

2. 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.

3. 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.

4. Demonstrate proficiency in applying and developing architectural skills, techniques, tools, and technological advancements necessary for effective and innovative architectural practice.

5. Communicate and collaborate effectively with a wide range of audiences to carefully receive and eloquently deliver ideas through various communication methods.

6. Adhere to ethical, legal, and professional standards and responsibilities in architectural practice, and demonstrate an understanding of the architect's role in society.

7. 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.

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

1. Make Technical Documentation
2. Understand Structural Systems
3. Understanding and analysis Building Envelope System

Course ILOs	The learning levels to be achieved					
	Remembering	**Understanding**	**Applying**	**Analysing**	**evaluating**	**Creating**
1						
2						
3						

22. The matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program:

Program ILOs / Course ILOs	ILO (1)	ILO (2)	ILO (3)	ILO (4)	ILO (5)
1					
2					
3					
4					
5					
6					
7					
8					

23. NAAB Student Performance Criteria (SPC)

This course contributes to the following NAAB learnings outcomes:

1. A4. Technical Documentation
2. B9. Structural Systems:
3. B10. Building Envelope System.
4. B12. Building Materials and Assemblies

24. Topic Outline and Schedule:

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
1	1.1	introduction						
	1.2	Foundations	B9/B12	Blended	Teams		Assignment/Research	
	1.3	Foundations						
2	2.1	Foundations						
	2.2	Plan	A4				Drawings	
	2.3	Foundation	B9/B12					
3	3.1	Walls	B9/B12				Assignment/Research	
	3.2	Walls						
	3.3	Walls						
4	4.1	Roofs and Floors	B9/B12/B10				Assignment/Research	
	4.2	Roofs and Floors						
	4.3	Roofs and Floors						
5	5.1	Plan Drawing	A4				Drawings	
	5.2	Plan Drawing	A4					
	5.3	Thermal insulation	B9/B12/B10				Assignment/Research	
6	6.1	Thermal insulation						
	6.2	Moisture insulation	B9/B12/B10					
	6.3	Moisture insulation						
7	7.1	Holiday						
	7.2	Holiday						
	7.3	Holiday						
8	8.1	Section	A4				Drawings	
	8.2	Section	A4					
	8.3	Section feedback						
9	9.1	Midterm Exam						
	9.2	Ramps	B9/B12				Assignment/Research	
	9.3	Ramps						

10	10.1	Elevation	A4				Drawings	
	10.2	Elevation	A4					
	10.3	Elevation Feedback						
11	11.1	Stairs	B9/B12				Assignment/Research	
	11.2	Stairs						
	11.3	Stairs						
12	12.1	Stairs drawing					Drawings	
	12.2	stairs drawing						
	12.3	Holiday						
13	13.1	Project submission					Pin up	
	13.2	Project submission						
	13.3	Revision						
14	14.1	Last day of teaching						
	14.2							
	14.3							
15	15.1							
	15.2							
	15.3							

25. Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	ILO/s Linked to the Evaluation activity	Period (Week)	Platform
Drawing evaluation and pin up	30%	Plan Section elevation			Teams and face to face
Midterm Exam	30%			Week 8	
Final Exam 30%				Week 14	

26. Course Requirements:

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

27. Course Policies:

A- Attendance policies:

B- Absences from exams and submitting assignments on time:

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy:

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

28. References:

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

Mitchell's Structure & Fabric Part 2,J S Foster, 2008

Evert,Alan(1981), Mitchell Building Series Materials

Derek Osbourn, Introduction to Building.

I.Savin, Building Materials and Components

Encyclopedia of Detail in Contemporary Residential Architect, Virginia McLeod,2010

Barry's Advanced Construction of Buildings, by Stephen Emmitt, Christopher A. Gorse,2014

- زهير ساكو و ارتين ليفون .انشاء المباني,1983
- د. روحي الشريف, مواد البناء, عمان,1984
- د. سليم الفقيه, الواضح في انشاء المباني, عمان2004
- عاطف السهيري . انشاء المباني 1994

B- Recommended books, materials, and media:

29. Additional information:

- د. سليم الفقيه, الواضح في انشاء المباني, عمان2004

Name of the Instructor or the Course Coordinator:	Signature:	Date:
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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:
…….	……...……	……..……