

## Course Syllabus

1	<b>Course title</b>	History & Theory of Architecture (3)	
2	<b>Course number</b>	0902242	
3	<b>Credit hours</b>	3 Theory Hours per Week	
	<b>Contact hours (theory, practical)</b>	None	
4	<b>Prerequisites/corequisites</b>	History & Theory of Architecture (2) 0902242	
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>	Compulsory Course	
11	<b>Year of study and semester (s)</b>	2022/2023, First 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 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>	09/10/2022	

### 17 Course Coordinator:

Name:

Office number:

Phone Number: 06 5355000

Email:

**18 Other instructors:**

Name: Fadia Nassar  
Office number:  
Phone number: 06 5355000 Ext: 27171  
Email: [f.alnassar@ju.edu.jo](mailto:f.alnassar@ju.edu.jo)  
Contact hours: 12:30 PM -1:30 PM

**19 Course Description:**

Development of Islamic art and architecture since the dawn of Islam. Analysis of architectural characteristics and Islamic heritage. Social, environmental and functional implications on the architecture in the Moslem World, which yield a suitable habitat for Moslem people. Analysis of selected examples of historical monuments from Islamic countries.

**20 Course aims and outcomes:**

**A- Aims:**

1. Introduction to Theories and History of Islamic Urbanism, Architecture and Art.
2. Understanding the roles of Islam in the formation and transformation of architectural terminologies, symbolisms and elements of Islamic Architecture, Art and City.
3. Explanation of points of arguments & differences between the different schools of history and theories of Islamic Architecture, Art and City.
4. Methodology of contemporary expressionism symbolism, metaphors and signs and borrowing from so called Islamic Traditional Architecture.
5. Constructing a clear understanding of the relation between Islamic urbanism concepts and design methodologies with other civilization and architectural styles.

**B- Students Learning Outcomes (SLOs):**

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

SLOs	SLO (1)	SLO (2)	SLO (3)	SLO (4)	SLO (5)	
SLOs of the course						
A. An ability to apply knowledge of mathematics, science, engineering, and arts.						
B. An ability to communicate effectively.						
C. An ability to work on different design projects from interior design to urban design						
D. An ability to use different visual communication tools, advanced computer aided design software, and Building Information Models (BIM).						
E. An ability to function on multi-disciplinary team.						
F. An ability to produce a complete design drawings and working drawings.						
G. An ability to use the techniques, skills, and modern architectural means necessary for the architectural practice.						
H. Knowledge of the history of architecture since the ancient architecture until today.						

I. Knowledge of contemporary issues related to the field of architecture construction and project management.						
J. Knowledge of different building systems and their relation to the architectural design.						
K. Knowledge of different aspects of the architectural practice and legislation issues related.						

## 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	Semester starting Introduction	B, E, H, G and K	Face to Face			Midterm and final exams	
	1.2	Semester starting Introduction	B, E, H, G and K	Face to Face			Midterm and final exams	
2	2.1	Course outline & overview	B, E, H, G	Face to Face			Midterm and final exams	

		1. Formation of Muslim Architecture  What is Muslim Architecture?  Cultural Influences  Architecture of the Mosque Early Islamic Buildings	and K						
	2.2	Course outline & overview  1. Formation of Muslim Architecture  What is Muslim Architecture?  Cultural Influences  Architecture of the Mosque Early Islamic Buildings	B, E, H, G and K	Face to Face	-	-		Midterm and final exams	
3	3.1	Umayyad Architecture - Monumental (Religious) Buildings - Secular Buildings	H, G	Face to Face	--	-		Midterm and final exams	
	3.2	Umayyad Architecture - Monumental (Religious) Buildings - Secular Buildings	H, G	Face to Face	-	-		Midterm and final exams	
4	4.1	Umayyad Architecture	H, G	Face to Face	-	-		Midterm and final exams	

		- Monumental (Religious) Buildings - Secular Buildings							
	4.2	Umayyad Architecture - Monumental (Religious) Buildings - Secular Buildings	H, G	Face to Face	-	-	Midterm and final exams		
5	5.1	3. Abbasid Architecture The Formation of New Islamic Cities. The Monuments (Mosques & Palaces) Mausoleum Architecture Abbasid Architecture in Egypt & North Africa	H, G	Face to Face	-	-	Midterm and final exams		
	5.2	3. Abbasid Architecture The Formation of New Islamic Cities. The Monuments (Mosques & Palaces) Mausoleum Architecture Abbasid Architecture in Egypt & North Africa	H, G	Face to Face	-	--	Midterm and final exams		

6	6.1	3. Abbasid Architecture The Formation of New Islamic Cities. The Monuments (Mosques & Palaces) Mausoleum Architectue Abbasid Architecture in Egypt & North Africa	B, E	Face to Face	-	-	Oral Skills		
	6.2	3. Abbasid Architecture The Formation of New Islamic Cities. The Monuments (Mosques & Palaces) Mausoleum Architectue Abbasid Architecture in Egypt & North Africa	B, E	Face to Face	-	-	Oral Skills		
7	7.1	4. Fatimid Architecture - Cairo & its Formation - Gates - Fatimid Mosques	H, G	Face to Face	-	-	Midterm and final exams		
	7.2	4. Fatimid Architecture - Cairo & its Formation - Gates	H, G	Face to Face	-	-	Midterm and final exams		

		- Fatimid Mosques							
8	8.1	5. Ayyubid & Mamluk Architecture - Urban Context - Religious Buildings - Secular Buildings - Development of Domes & Minarets - Interior Design	H, G	Face to Face	-	-	Midterm and final exams		
	8.2	5. Ayyubid & Mamluk Architecture Urban Context Religious Buildings - Secular Buildings - Development of Domes & Minarets - Interior Design	H, G	Face to Face	-	-	Midterm and final exams		
9	9.1	6. Persia, Anatolia & Central Asia Architectural Features Suljuk Architecture Key Buildings. Ilkhanid Architecture Key Buildings	H, G	Face to Face	-	-	Midterm and final exams		



	9.2	<b>Mid Term Exam</b>	H, G	Face to Face	-	-	Midterm and final exams		
10	10.1	7. Mughal Architecture - The Landscape / Mughal Gardens - The Monuments	H, G	Face to Face	-	-	Midterm and final exams		
	10.2	7. Mughal Architecture - The Landscape / Mughal Gardens - The Monuments	H, G	Face to Face	-	-	Midterm and final exams		
11	11.1	8. Al Andalus & Al Maghrib - Umayyad Architecture in the West - Evolution of Hispano-Moresque Style	B, E	Face to Face	-	-	Oral Skills		
	11.2	8. Al Andalus & Al Maghrib - Umayyad Architecture in the West - Evolution of Hispano-Moresque Style	B, E	Face to Face	-	-	Oral Skills		
12	12.1	Al Andalus & Al Maghrib - The Almoravids and Almohads - Architecture in Maghrib & North Africa	H, G	Face to Face	-	-	Midterm and final exams		

		- Granada & the end of Islamic rule in Spain							
	12.2	9. Ottoman Architecture - The Early Structures - Schools of Thought - Monuments	H, G	Face to Face	-	-	Midterm and final exams		
13	13.1	9. Ottoman Architecture - The Early Structures - Schools of Thought - Monuments	H, G	Face to Face	-	-	Midterm and final exams		
	13.2	9. Ottoman Architecture - The Early Structures - Schools of Thought - Monuments	H, G	Face to Face	-	-	Midterm and final exams		
14	14.1	Assignment Submission Presentation	B, E	Face to Face	-	-	Oral Skills		
	14.2	Assignment Submission Presentation	B, E	Face to Face	-	-	Oral Skills		
15	15.1	Assignment Submission Presentation	H, G	Face to Face	-	-	Midterm and final exams		
	15.2	Assignment Submission Presentation	H, G	Face to Face	-	-	Midterm and final exams		

## 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
Midterm Exam	30%	Weeks 1 to 8	B, E, H, G and K	8 Weeks	Face to face
Research, Report and quiz	20%	Weeks 6 to 13	B, E	Weeks 6 to 13	Face to face
Final Exam	50%	All Weeks	B, E, H, G and K	Announced Later	Face to face

### 23 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 informed through their JU E-Learning account.

- Weekly classes discussions reviewing material in the lectures
- Group-work into the topic assigned by instructor.

### 24 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 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 submitting assignments on time:

- All exercises are handed directly at the end of the lecture time, 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 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 exam, the process, the understanding, and the development.
- F- Available university services that support achievement in the course:
  - University Library.

## 25 References:

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

Creswell K.A.C., Short Account of Early Muslim Architecture Revised and Supplemented by K.W. Allan, Scholar Press G.B. 1989.

Creswell K.A.C. All his publications in Islamic Architecture.

Serjeant R.B. (ED) The Islamic City.

Rogers M. The Spread of Islam Oxford 1976.

Richard E.T. Moslem Architecture 623-1516 some Causes and Consequences London 1926.

Muqarnas All Editions.

Hoag. J.D. Islamic Architecture London Milan 1987.



Hakim B.S. Arabic Islamic Cities London 1986.

Crabar O., The Formation of Islamic Art London 1973.

B- Recommended books, materials, and media:

تاريخ العمارة و الفنون الاسلامية ، د. توفيق عبد الجواد

Fletcher, Sir Banister. 1996. A History of Architecture. London: Routledge.

Hoag, John. 1975. Islamic Architecture. Milan: Faber and Faber

Stierlin, Henri. 1996. Islam – Early Architecture from Baghdad to Cordoba. Taschen.

Hillenbrand, Robert. 1994. Islamic Architecture: Form, Function and Meaning. New York: Columbia University Press.

Petersen, A. 1999, Dictionary of Islamic architecture.

عمارة الارض في الاسلام ، نسيم حكيم

## 26 Additional information:

**The course will be themed and structured into the following concepts**

- **Evolution Theories**
- **Formation & Transformation**
- **Strategies & Frameworks**
- **Concepts of Islamic Art Development**
- **Unity & Variety**
- **Constant and Variable**
- **Content and Context**
- **Contemporary Applications**

Name of Course Coordinator: **Prof . Omar Amireh** Signature: Omar M Amireh Date: 22-10-2022



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و ضمان الجودة  
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