



Philadelphia University
Faculty of Engineering
Department of Architecture
1st semester, 2022/2023

Course Syllabus

Course Title: Islamic Architecture	Course code: 660313
Course Level:	Course prerequisite(s): 660242
Lecture Time: 9:45 -11:15 Sun-Tue	Credit hours: 3
Location: Hall 302	

Academic Staff Specifics

Name	Rank	Office Location & Number	Office Hours	E-mail Address
Dr. Asmaa Niazy Taher	Associate professor	Third floor, No. 317	9:45 -11:15 Mon -Wed	aniazy@philadelphia.edu.jo

Course description:

This course explores the development of Architecture in the Islamic world from the dawn of Islam till recently.

Using the analytical methodology of the elements, functions and methods of examples from Islamic architecture including contemporary development in various Islamic regions. The course also emphasizes on recent experiments that intend to achieve the continuity of Islamic architecture.

Course Content:

no	Course Topics
1	Islamic styles:
2	Umayyad periods
3	Abbasid periods
4	Fatimid , Mamlluk
5	Seljuk periods & Moghul
6	Ottoman periods & India
7	Islamic building types:
8	Mosques
9	Schools & Markets
10	Inn & baths
11	Palaces & forts
12	Islamic cities
13	Islamic art & ornamentation
14	Contemporary Islamic Architecture

Course objectives:

The main objectives of this course are:

1. Convey the general characteristics, art & architectural features, building materials, and structural treatments of the different building types (Mosques, Palaces, Inns, Baths, Schools, etc.).
2. Provide thorough understanding of how Islamic builders provided successful architectural answers to their environmental influences.
3. Recognize major architectural and urban examples in the regions and periods covered in the course, and introduce the architectural style as a continuous system comprised of two levels; the conceptual-perceptual level and the physical-formal level.
4. Gather information and construct a data base about historical Islamic architecture; including its theory and application, Islamic cities, building types, features, elements and art. Allowing it to be a source of inspiration for new architecture and provide an identity for the present time.

Program Learning Outcomes (PLO):

A.7 History and Global Culture: Understanding of the parallel and divergent histories of architecture and the cultural norms of a variety of indigenous, vernacular, local, and regional settings in terms of their political, economic, social, ecological, and technological factors.

A.8 Cultural Diversity and Social Equity: Understanding of the diverse needs, values, behavioral norms, physical abilities, and social and spatial patterns that characterize different cultures and individuals and the responsibility of the architect to ensure equity of access to sites, buildings, and structures.

N.2

- الالمام بتاريخ العمارة ونظريتها الفلسفية واثرها على تصميم المباني
- الالمام بتاريخ العلوم الهندسية والتقنية والانشائية ذات الصلة واثرها النواحي الفراغية، الاجتماعية، والتكنولوجية للعمارة.

N9

- القدرة على تقييم وتعزيز التراث المعماري والتراث الحضري المحلي والحفاظ عليه وادراك اهمية علاقته بالتطورات المعمارية المحلية والاقليمية والعالمية الراهنة.

Program Learning Outcomes (PLO):

Knowledge and understanding:

1. Convey the general characteristics, art & architectural features, building materials, and structural treatments of the different building types (Mosques, Palaces, Inns, Baths, Schools, etc.).

Intellectual Skills:

2. Provide thorough understanding of how Islamic builders provided successful architectural answers to their environmental influences.
3. Recognize major architectural and urban examples in the regions and periods covered in the course.
4. Introduce the architectural style as a continuous system comprised of two levels; the conceptual-perceptual level and the physical-formal level.

Professional and Practical Skills:

General and Transferable Skills:

5. Gather information and construct a data base about historical Islamic architecture; including its theory and application, Islamic cities, building types, features, elements and art.

6. Allowing it to be a source of inspiration for new architecture and provide an identity for the present time.

#	Subject Learning Outcomes (SLO):	Program Learning Outcomes (PLO):	Learning Taxonomy	
			Understanding	Ability
1	Convey the general characteristics, art & architectural features, building materials, and structural treatments of the different building types (Mosques, Palaces, Inns, Baths, Schools, etc.).	A7 N.2	<input type="checkbox"/> Remembering	<input type="checkbox"/> Applying
2	Provide thorough understanding of how Islamic builders provided successful architectural answers to their environmental influences.	A7/A8	<input type="checkbox"/> Understanding	<input type="checkbox"/> Analyzing
3	Recognize major architectural and urban examples in the regions and periods covered in the course.	A7	<input type="checkbox"/> Understanding	<input type="checkbox"/> Analyzing <input type="checkbox"/> Evaluating
4	Introduce the architectural style as a continuous system comprised of two levels; the conceptual-perceptual level and the physical-formal level.	A7/A8	<input type="checkbox"/> Understanding	<input type="checkbox"/> Analyzing <input type="checkbox"/> Evaluating
5	Gather information and construct a data base about historical Islamic architecture; including its theory and application, Islamic cities, building types, features, elements and art.	A7/A8	<input type="checkbox"/> Remembering	<input type="checkbox"/> Analyzing <input type="checkbox"/> Evaluating
6	Allowing it to be a source of inspiration for new architecture and provide an identity for the present time.	A7/A8 N.2	<input type="checkbox"/> Understanding	<input type="checkbox"/> Applying <input type="checkbox"/> Creating

Assessment instruments:

Allocation of Marks	
Assessment Instruments	Mark
Midterm Exam	30%
Home works	30%
Final exam	40%
Total	100

Documentation and academic integrity:

Students are requested to provide references for all extracts and quotations from books, magazines and web sites, in order to respect copyright protections and avoid plagiarism.

Course/module academic calendar:

	WEEK	TASK	REMARKS
1		Introduction	Classes begin
2		Islamic styles Umayyad periods	
3		Islamic styles Abbasid periods	
4		Islamic styles Fatimid , Mamlluk	
5		Islamic styles Seljuk periods & Moghul	
6			
First examination			
7		Islamic styles Ottoman periods & India	
8		Islamic building types Mosques	
9		Islamic building types Schools & Markets	
10		Islamic building types	

		Inn & baths	
11			
Second examination			
12		Islamic building types Palaces & forts	
13		Islamic cities	
14		Islamic art & ornamentation	
15		Contemporary Islamic architecture	
16		مناقشة تقارير	
FINAL EXAM.			

Attendance policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/Faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the Dean approves the excuse, the student shall be considered to have withdrawn from the course.

Course/ resources:

Books (title, author(s), publisher, year of publication)

- Architecture of the Islamic World, Ernst J. Grube, Oleg Grabar /Thames & Hudson/
ISBN 10: 0500278474 / 0-500-27847-4
- Islamic Art and Architecture, 650–1250/ Richard Ettinghausen, Oleg Grabar, and
Marilyn Jenkins-Madina
ISBN: 9780300088694
- A History of Architecture/Sir Banister Fletcher (1987)
ISBN 0-408-01587-X
- A World History of Architecture/ Michael Fazio, Marian Moffett, Laurence king
publishing/(2009)
ISBN: 978-1-85669-549-7
- Architecture of the Islamic World, Michell, G. and others," Thames and Hudson
Ltd, London, (1987)
- Islamic Architecture (History of world Architecture), Hoag, J., Faber, Electa
Editrice, Mila, (1987)
ISBN-10 0847807963

