



Department of Architectural Engineering
University of Cihan / Sulaymaniyah

Subject: History of Architecture V – Islamic Architecture
Course Book – Fourth Year– 1st Semester

Lecturer's name: Sara Dhiaadin Bahaadin

Academic Year: 2023-2024

Course Book

1. Course name	History of Architecture – Islamic Architecture
2. Lecturers	L. Sara Dhaadin Bahaadin
3. Department/ College	Architectural Engineering
4. Contact	E-mail: sara.bahaadin@spu.edu.iq Mobile:07701594547
5. Time (in hours) per week	2 hour / week
6. Office hours	-
7. Course code	-
8. Teacher's academic profile	<p>Qualification: MSc. In Architectural Engineering Academic title: Lecturer Address: Iraq/Sulaimani/Sulaymaniyah polytechnic university Email Address: sara.bahaadin@spu.edu.iq B.Sc. Architecture, Architectural Department-College Of Engineering –University of Sulaymaniyah –2008 . The Graduation Project was: A Study Research and Designs of Agriculture collage in Sulaymaniyah University. M.SC. In Architectural Design. Architectural School-Faculty of Humanities–University of Liverpool, UK –2013- Graduation thesis Subject was about:” Sustainable environmental design in architecture SEDA.” 2013- till now: –Lecturer – (core staff) Department of City planning engineering– Technical college of Engineering. Sulaymaniyah politechnic university Taught Subjects: Undergraduate studies: - Architectural Design 2ndyear. - (Landscape design and site planning) 3rd year. - Sustainable environmental planning, 3rd year - Computer essentials, 1st stage. - Computer 3D applications, 2nd stage. - Urban ecology, 2nd stage.</p>
9. Keywords	Islamic cities, Mosque, Palaces, Residential Building
10. Course overview:	<p>The importance of the history of architecture for student is that in the first two parts Islamic architecture has a wide content that architects must know especially those concerned with concepts and philosophy that needed to be perceived to form a back ground to produce a rational contemporary architecture.</p> <p>The course outline shall follow a chronological study of architecture as it develops over the following Islamic periods: from the Prophet period to Ottoman period. We will be studying examples of Islamic architecture from a wide variety of times and places.</p>

Though we are interested in how buildings relate to their specific historical and cultural contexts. The periods including name, location of buildings, stylistic, technological features and deepen understanding of functional, structural, and aesthetic principles of architecture of the period, so the student will be able to evaluate the evolution of Islamic architecture across the centuries, and learning skills in visual and formal analysis of architecture,

11. Course objective:

- 1-To explore and focus on such culture and civilization that spread along the Islamic governance between China and Spain a long century since the Prophet Mohammad's mission up to date.
- 2-The student will be introduced to city concept, its characteristics and main styles, traditional Masjid, mausoleum, palace, its relation with environment, culture and human role in developing Islamic buildings and link with the religion.
- 3-The student will learn how to calculate the space program for Masjid according to number of worshipers.
- 3- The student will be introduced to different styles and attitudes that could be classified in Rachides' Umayyad, Abbasid, Fatimid, Ayyubid and Mamluk, Mogul, Timor, Safavid, Othman, and Modern Islamic Architecture and concentrate on the main elements and characters that used in that periods.
- 4-Using a historical element as a tool of communication in their projects.
- 5-To integrate Islamic architectural history with the student's approach to design and-to create an understanding of architecture as a physical response to human need at a philosophical and cultural value within that period.

12. Student's obligation

- The participation of the students for the lecture is a basic and crucial point for the enrichment of the course.
- In general students have to get ready for each successive lectures as each lecture are related to the other, therefore one of the main factors to obtain enough knowledge from the lecture is not being absent even for a lesson.
- Another important role of the students is the participation in the daily discussion of the topics given by the teacher.
- Due to the philosophical and theoretical nature of the course, students need to contribute in the lectures through asking questions, giving opinions and even with bringing new ideas.
- Another obligatory point of the students is preparation of seminars at the end of the course which include the presentation and discussion of a reliable topic using projectors and other students may ask to enrich the presentation.
- The final role of the students is the necessity of the students for any sudden quiz done by the teacher.

13. Forms of teaching

- Students will be provided with the main references given by the teacher at the beginning of the year.
- The teacher uses PowerPoint presentation through using data show projector and white board for further understanding.
- The teacher encourages students for the participation of the discussion in the lectures.

14. Assessment scheme:

Assessment of the students falls in the different categories;

- 1- **Mid-term** examination (30%).
- 2- **Sudden quizzes** (2-3) quizzes(5%).
- 3- **Seminar presentation and discussion** ... (5%).
- 4- **Final Semester examination**(60%)

15. Student learning outcome:

- **Islamic architecture has been one of the most important topics in architecture since the appearance of Islam Religion and foundation of Islamic cities.**
- **The nature of the topic is a kind of philosophical and theoretical topic; therefore, students need special attendance to the lectures and need active role in the class.**
- **In order to get the use of the topic's students need direct relations to the course through asking questions and participating with discussion of the lectures.**
- **The topic is much relating to the essence of Islam Religion, the growth and appearance of the different Islamic architectural styles, it is very important for the students to know how all different styles appeared and developed in Islamic architecture. At the same time, it is crucial for the students to know how new styles have criticized and made the use their former styles.**

16. Course Reading List and References:

▪ **Key references:**

1. Hoag, John D., Islamic Architecture.1975.
2. Hillenbrand, Robert, Islamic Art and Architecture, 1999.
3. Fletchers, Sir Banister, a History of Architecture, 1996
4. The Aga Khan award for architecture, Toward Architecture in the spirit of Islam, 1978.
5. Glancey Jonathan, the Story of Architecture, 2000.
6. Marian Moffett, Michael Fazio, Lawrence Wodehouse, A History of Architecture,2003

▪ **Useful references:**

1. Oleg Grabar, Richard Ettinghausen, Islamic Art &Architecture 650-1250, 2001.
2. Prochazka, Amjad Bohumil, Architecture of the Islamic Cultural Sphere, 1986.
3. Ragette, Friedrich, Traditional Domestic Architecture of the Arab Region, 2003.
4. Robert Hillenbrand (1994) " Islamic Architecture". Edinburgh University Press.
5. Written by Ernest J. Grube (1966) " The World of Islam". McGRAW – HILL BOOK COMPANY.
6. Basim Salim Hakim (1979) "Arabic-Islamic Cities", Kegan Paul International London and New York.
7. Amjad Prochazka (1986) "Introduction to Islamic Architecture", MARP.

▪ **Magazines and review (internet):**

Aga Khan Development Network
Architectural Record
Architecture magazine
Great buildings
Entablature
Architectural Review

www.akdn.org
www.archrecord.com
www.architecturemag.com
www.greatbuildings.com
www.entablature.com
www.arplus.com

17. The Topics:		Date Starting from 09/09/2023		
Week No.	Topics	Date	Lecture's name	
1	Introduction, Course over view and subjects	09.09.2023	L. Sara Dhiaadin	
2	Introduction, course out line, how to study the theoretical information and used in the practical life.	16.09.2023	L. Sara Dhiaadin	
3	Early Islamic Architecture	23.09.2023	L. Sara Dhiaadin	
4	Islamic City 1	30.09.2023	L. Sara Dhiaadin	
5	Islamic City 2	07.10.2023	L. Sara Dhiaadin	
6	Masjid, Planning and Design Standards	14.10.2023	L. Sara Dhiaadin	
7	Masjid, Types in Term of Capacity, and Styles	21.10.2023	L. Sara Dhiaadin	
8	Islamic Architecture in Umayyad Era	28.10.2023	L. Sara Dhiaadin	
9	Islamic Architecture in Abbasid Era I	04.11.2023	L. Sara Dhiaadin	
10	Islamic Architecture [Fatimid Style in Egypt]	11.11.2023	L. Sara Dhiaadin	
11	<u>Mid-term Exam.</u>	18.11.2023	-----	
12	<u>Mid-term Exam.</u>	25.11.2023	-----	
13	Islamic Architecture [Ayyubid and Mamluks Styles]	18.11.2023	L. Sara Dhiaadin	
14	Islamic Architecture in Ottoman Era	25.11.2018	L. Sara Dhiaadin	
15	Aesthetic of Islamic Architecture 1	02.12.2023	L. Sara Dhiaadin	
16	Aesthetic of Islamic Architecture 2	09.12.2023	L. Sara Dhiaadin	
17	Semester Exam.	16.12.2023	-----	
19. Examinations:				
20. Extra notes: Here the lecturer shall write any note or comment that is not covered in this template and he/she wishes to enrich the course book with his/her valuable remarks.				
21. Peer review: This course book has to be reviewed and signed by a peer. The peer approves the contents of your course book by writing few sentences in this section. <i>(A peer is person who has enough knowledge about the subject you are teaching, he/she has to be a professor, assistant professor, a lecturer or an expert in the field of your subject).</i>				