Department of Architectural Engineering

University of Cihan / Sulaimaniya

Subject: Contemporary Local Architecture

Course Book – Fourth Year– 2ⁿᵈ Semester

Lecturer's name: Sara Dhiaadin Bahaadin

Academic Year: 2023/2024

Course Book

1. Course name	Contemporary Local Architecture
2. Lecturers	Sara Dhiaadin Bahaadin
3. Department/ College	Architectural Engineering
4. Contact	e-mail: sara.bahadin@sulicihan.edu.krd tel.: 07701594547
5. Time (in hours) per week	2 hour / week
6. Office hours	-
7. Course code	-
8. Teacher's academic profile	Qualification: Masters in architecture Position: Lecturer Profession: Lecturer Address: Iraq/Sulaimani/ Sulaimani Polytechnic university Email Address: sara.bahadin@sulicihan.edu.krd B.Sc. Architecture, Architectural Department-College of Engineering –University of Sulaimani –2008. The Graduation Project was: Designing college of agriculture in Sulaimani. M.SC. In Sustainable environmental design in architecture. Architectural Department-–University of Liverpool–2013 **Teaching Staff (City Planning Engineer) from 2013 to present**
9. Keywords	Local architecture, contemporary architecture

10. Course overview:

   This course is concerned in the study of origins and evolution of Local architecture to identify the main factors that influenced its formation. It aims to identify the components, characteristics, types, and its intellectual and philosophical orientations.

   To identify the nature of the emergence of the first civilizations and Amaúrha and settled in Mesopotamia and trace the evolution of architecture in which even the Islamic conquests that have been affected by the study will focus on the vocabulary, Building Sommer confirmed Amorite first Babylon and Assyria, then as the Chaldean slalom on their territories, which affected neighboring Ohtathert where Alvrtheh such as architecture and greyhounds and Sasanian also shed light on the basis of Abbasid architecture that have been affected,

including clarification of the students, which is that architecture Iraqi continuous and uninterrupted.

Due The course will cover the subject of Local architecture of selective topics together with different references which deal with the architecture of the people or un-designed architecture that relates to the different cultures and ways of life.

The course begins with definitions for this kind of architecture, and then studying the social and cultural factors that affect the form determination in Local architecture both as a space distribution and configuration and also the elements and components of the elevations (Formally & spatially).

11. Course objective:

Student will be presented to historical cities and traditional methods for buildings, architecture, & cities planning, in addition to knowing the old technology that used in that time, the student will have a wide view for all periods of civilizations happened in Mesopotamia and will know how to differ between each other.

Narrowing down the subject of Local architecture in order to make a path of knowledge with our vernacular architecture in Kurdistan region, and Sulaimani city specifically.

The student will recognize his built environment especially the traditional architecture, and understanding that the process of producing vernacular architecture is an on-going until today.

At the end of the course the student will be able to recognize the vernacular architecture; Also, the student will be familiar with the relationship between the concept of culture and Local architecture as a cultural form, and how to make benefit from the vernacular solutions in the contemporary design in order to produce an architecture that is socio-culturally orientated and accepted by society.

Based on this scenario this curse offering the student a knowledge base for dealing with conservation of historic towns and urban areas in order to protect and save his built vernacular heritage.

12. Student's obligation:

To get the best of the course, it is suggested that you attend classes as much as possible, read the required lectures, teacher's notes regularly as all of them are foundations for the course. Lecture's notes are for supporting and not for submitting the reading material including the hand-outs. Try as much as possible to participate in classroom discussions, preparing the assignments given in the course.

13. Forms of teaching:

Different forms of teaching will be used to reach the objectives of the course: power point presentations for the head titles and definitions and summary of conclusions, classification of materials and any other illustrations, furthermore students will be asked to prepare research papers on selective topics in English individually and even in group. There will be classroom discussions and the lecture will give enough background to solve, analyse, and evaluate problems sets, and different issues discussed throughout the course.

14. Assessment scheme

Students are required to take Second semester exam on March, class room activities, quizzes, home works, and final exam on June.

Most of the Semester degree will be assigned by the main exam, (about 30-34 marks)
The rest of the 40 marks will be assigned by the daily activities of the students.
Assessment of the students falls in the different categories;
1- **Mid-term** examination .... (**30%**).
2- **Su**dden quizzes (2-3) quizzes................. (**2%**).
3- **Se**minar presentation and discussion ... (**8%**).
4- **Fi**nal **Se**mester examination.................. (**60%**)
- Class attendance and activities
- Home works
- Quizzes
- Mid semester exam
- Final exam

15. Student learning outcome:

At the end of the course the student will be able to recognize the Local architecture and its characteristics and properties, its form and spatial features, the mechanism of analysing and surveying vernacular buildings, and also the relationship between the concept of culture and Local architecture as a cultural form, and how to make benefit from the vernacular solutions in the contemporary design and projects in order to produce an architecture that is culturally orientated and accepted by the society. The focusing of the course will be on the local case study of Sulaimani city which considers of the most distinguished cases over the world. The student after graduating can work with one of the institutions and organizations that care about the cultural heritage of vernacular architecture either locally or globally.

16. Course Reading List and References:

1- **House, form, and culture, Amos Rapoport (1969).**
2- **Vernacular architecture in the 21st century, Lindsay Asquith (2006).**
3- Dwellings: vernacular houses worldwide, Paul Oliver (2007).
4- **Built to meet needs: cultural issues in vernacular architecture, Paul Oliver (2006).**
5- **Spatial configuration and functional efficiency of house layouts, Faris Ali Mustafa (2014).**

17. The Topics: **Date** Starting from **13/01/2024**

Week No.	Topics	Date	Lecture's name
1	**Course over view and objects.**	**16/01/2024**	Sara Dhiaadin Bahaadin
2	**Local Architecture:** Definition and characterize.	**23/01/2024**	Sara Dhiaadin Bahaadin
3	**Characteristics of Vernacular Architecture I**	**30/01/2024**	Sara Dhiaadin Bahaadin
4	**Characteristics of Vernacular Architecture II**	**6/02/2024**	Sara Dhiaadin Bahaadin

5	**Characteristics of Vernacular Architecture III**	**13/02/2024**	Sara Dhiaadin Bahaadin
6	**Characteristics of Vernacular Architecture III**	**20/02/2024**	Sara Dhiaadin Bahaadin
7	**Culture and its Relationship with Form Determinants in Vernacular Architecture**	**27/02/2024**	Sara Dhiaadin Bahaadin
8	_**Mid-term Exam.**_	**12/03/2024**	--------------
9	_**Mid-term Exam.**_	**19/03/2024**	--------------
10	**Change in formal types in vernacular architecture**	**26/03/2024**	Sara Dhiaadin Bahaadin
11	**The Formal Elements of Vernacular Houses and its Composition**	**02/04/2024**	Sara Dhiaadin Bahaadin
12	**Traditional Hoses in Iraq I**	**09/04/2024**	Sara Dhiaadin Bahaadin
13	**Traditional Hoses in Iraq II**	**16/04/2024**	Sara Dhiaadin Bahaadin
14	**Aesthetic of Islamic Architecture**	**23/04/2024**	Sara Dhiaadin Bahaadin
15	**Final Examination**	**30/04/2024**	--------------

19. Examinations:

   Most of the questions are Compositional: In this type of exam the questions usually starts with Explain how, What are the reasons for…?, Why…?, How….?
With their typical answers

20. Extra notes:

21. Peer review: