



**Department of Architecture
College of Engineering
Salahaddin University**

Subject: Architecture Design

Course Book –Year 5

Lecturer's name:

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Academic Year: 2021 -2022

Course Book

1. Course name	Architecture Design
2. Lecturer in charge	Dr. Kayfi Akram Mawlan (Lecturer PHD)
3. Department/ College	Architecture/ Engineering
4. Contact	Kayfi.Mawlan@su.edu.krd
5. Time (hr. / week)	[(Theory: 3 hours.) – (Practical: 7 hours.)]/week
6. Office hours	
<p>7. Course overview: First of all, this subject is only for one semester. It is only 15 weeks in order to submit a concept and a full detailed design about the project that the staff will introduce to the students.</p> <ul style="list-style-type: none"> ▪ As we mentioned that this subject is practical and it is only for one semester. So, it needs much work from the staff in order to explain the way of thinking and how to make the students submit a full design in only (15) weeks. So that the method of explaining the ways to design this project is important. The distinct is to give the students at the first month theoretical lectures before each step of design (practical) to make it very easy for understanding. ▪ This year our staff chose (Erbil Municipality Complex) project, it is an office building ▪ This will defiantly change according to the project that the staff choose to give the students each year, the purpose of choosing this project is enabling students how to deal with different size of spaces, and how-to derivate space program in those type of projects which are more than designing a single building but it is a complete campus which needs a broader thinking in creating interrelations between different buildings and It requires master planning and design. The project allows students to think about all aspects of design in different levels of resolutions such as micro and meso levels. ▪ In order to know about the major areas of this subject, the staff will show and explain the most important and successful design that have been applied sustainability in the building design, in the concept and in each design details. ▪ From explaining design projects, the students will be able to understand how to deal with any new issues even it is difficult. 	
<p>8. Course Objective:</p>	

- To give the students wide experience about dealing with a project that they should try to submit its program.
- To introduce a different project each year that shows the relation between function & form.
- Qualifying students with the latest project, this will be as first step before designing their own graduation project.
- To show the students new skills for dealing with different projects they could faces in their practical life after graduation.
- To deal with a comprehensive overview of development in architecture every year in his own project.

9. Student's Obligation

- They should try to apply what the staffs introduce to them theoretically in their projects.
- They have to attend the lectures each day in order to be able to control over their project.
- They have to submit the project before the end of the first semester.
- Each student should submit the project with its different parts and according to the time schedule that the staff introduces to the students at the beginning of the year.

10. Forms of Teaching:

- The staff will use data show to explain the lectures and different Architectural projects.
- They draw on the whiteboard.
- They give a hard copy for the lectures in order to be easy for the students to read and study.
- They give a criticism on the design project.

11. Assessment Scheme

This subject is a practical one that will be only in one semester;

- **Annual quest will be from (80%), this will be divided to the following;**
1-data collection for the project and Site Analysis: (10%)

- 2-concept: (5%)**
- 3-day sketch: (5%)**
- 3-pre-lime: (10%)**
- 4-pre-final: (20%)**
- 5-Final submission: (30%)**

- Final exam. Note: final submission mark is considered to be final exam mark (20%)**
- The final grade: (80+20=100)**

12. Course Reading List:

- Architect's data.
- Time saver.
- Architectural graphic standards.
- All hand books of architectural design.
- Related books according to the selected projects.
- Green and sustainable Architecture.
- The reports of the students for previous years.
- Links and pages related with architectural project

From the 4 of October /2020 to 20 of January /2021

Week	Theoretical Part	Practical Part
1st Week		
12.09.2021	1- General Description of the project, Course book, Space program.	preparing data collection &visiting library
15.09.2021	2- Theoretical Lecture (Explaining Main Parts of the project) Dr. Kayfi	Working on Data Collection
2nd Week		
19.09.2021	1- Theoretical Lecture (Explaining Similar Examples).	Working on Data Collection
22.09.2021	2- Theoretical Lecture (Sustainability in office buildings)	Working on Data Collection

<p>3rd Week</p> <p>26.09.2021</p> <p>29.09.2021</p>	<p>1- Final Presentation of data Collection Report.</p> <p>2- Theoretical Lecture (Site Analysis)</p> <p>Studio work on Site Analysis Process, General Critique</p>
<p>4th Week</p> <p>03.10.2021</p> <p>06.10.2021</p>	<p>1- Site analysis Presentation</p> <p>2- Theoretical Lecture (How to Start with Design concept, Zoning) Staff</p> <p>General Critique for design, starting with concept creation for the project</p>
<p>5th Week</p> <p>10.10.2021</p> <p>13.10.2021</p>	<p>1- Presenting First concept of the project design</p> <p>2- General Critique for student's project drawings by focusing on site plan, plans, Forms, and functions.</p>
<p>6th Week</p> <p>17.10.2021</p> <p>20.10.2021</p>	<p>1- General Critique for student's project drawings by focusing on site plan, plans, Forms, and functions.</p> <p>2- General Critique for student's project drawings by focusing on site plan, plans, Forms, functions.</p>
<p>7th Week</p> <p>24.10.2021</p> <p>27.10.2021</p>	<p>1- Evaluating Plans only for project design.</p> <p>2- Critiquing students project drawings by focusing on site plan, plans, Forms, functions, Elevations, Sections.</p>
<p>8th Week</p>	

31.10.2021	1- General & individual Critique for the whole design project.
03.11.2021	2- Evaluating the preliminarily presentation of the student's project designs. (Detailed Architecture Plans and Structure Detail, Sections and Elevations).
9th Week	
07.11.2021	1- Day sketch
10.11.2021	2- Individual Critique for the whole design project.
10th Week	
14.11.2021	1- Individual Critique for the whole design project.
17.12.2021	2- Individual Critique for the whole design project.
11th Week	
21.11.2021	1- Presenting (Elevations and Sections) for the student's project design
24.11.2021	2- Individual Critique for the whole design project.
12th Week	
28.11.2021	1- Evaluating pre final presentation for the student's project design
01.12.2021	2- Individual Critique for the whole design project.
13th Week	
05.12.2021	1- Individual Critique for the whole design project.

08.12.2021	2- Individual Critique for the whole design project.
14th Week	
12.12.2021	1- Individual Critique for the whole design project.
15.12.2021	Evaluating the final presentation of the student's project design.