Department of Architecture

College of Engineering
Salahaddin University – Hawler
Subject: Architecture Design 7

Course Book –Year 4

Lecturer's name:
Dr. Muhanad Rasam (Lecturer, PhD)
Dr. Mand Ibrahem Aziz (Lecturer, PhD)
Hadeel Eshaq (Lecturer, M.Sc.)
Nazik Jamal (Lecturer, M.Sc.)
Shna Asad (Assistant Lecturer, M.Sc.)
Nashmil Shwan (Assistant Lecturer, M.Sc.)
Maysa Ghazee (Assistant Lecturer, M.Sc.)

1st Semester
Academic Year: 2022 -2023

Course Book

1. Course name	Architecture Design 7
2. Lecturer in charge	Dr.MuhanadRasam, (Lecturer, PhD)
3. Department/ College	Architecture/ Engineering
4. Contact	E-mail:mohanad.rassam@su.edu.krd Tel:07504453934
5. Time (hr. / week)	[(Theory: 3 hr) – (Practical: 7 hr)]/week
6. Office hours	

7. Course overview:

This subject is part of architectural design as sequent of comprehensive architectural design teaching through five-year study of architecture. The importance of this subject, which is based on the studio format, is that a comprehensive problem is given to students who first analyse it and then, through a synthetic process, reach a design scheme. Parallel to studio work, theory through lectures help to deliver information and knowledge concerning design standards, criteria and design methods, case studies exemplifies the studies of existing completed buildings, delivering information either on the building, or on the design process itself, or on how a designer faced and solved specific problems.

Commercial Buildings types of hospitality like hotels and similar integrated compounds with concepts that concentrate on providing formal, environmental, contextual and functional concepts with feasible alternatives using modern, cultural and vernacular tools that help in realizing the semester objectives.

8. Course Objective:
1. Collecting information and Knowledge about resort development, civic center hotels or mixed uses through theory and case studies.
2. Identifying the principle data in theory and practice through studying similar works and updated case studies.
3. Learning how to analyze the existing data for a specific site integrated with the proposed requirements and concept.
4. How to specify the problems from general information and to adopt the design method for the required functions and real feasible project.
5. Prepare a project program and space allotment.
6. Build a design concept on the understanding of other new updated concepts in the discipline; this should match the students' site.
7. The students work should include deep understanding of the subject in combination with others practices and viewpoint with student specialty in the final product.
8. Multi stage development of design until final presentation.

9. Student's Obligation

➢ Regular attendance is required according to the university rules.
➢ The use of mobile phone during the class is prohibited.
➢ Only the students who are officially enrolled can attend the class, guests and children are not admitted.
➢ Daily participation and conducting assignments are required.

10. Forms of Teaching:

These lectures are designed to help students to improve their architecture design skills to present their ideas as best as possible.
Forms of teaching will be identified according to students needs using:
PowerPoint presentation for theoretical part
White Board
Group discussion
Individual Feedback
Studio work
Homework
Using AutoCAD and 3D Program to rendering and presentation
Projects Hand in (Daily and Presentation in different stages)

11. Assessment Scheme
[Hotel Project]
- Similar example, Site analysis, Report, Daily work,
  Day sketch and Concept   25%
- Prelim   20%
- Pre-Final   25%
- Final   30%

12. Course Reading List:
Main Reference
1. Lawson Fred: Hotels &Resorts; planning, design and refurbishment; architectural press
2. Joseph De Chiara: time-saver standards for building types; McGRAW-Hill Book Company

3. Rures,Penner, Hotel planning and design, 1985

Useful references
1. Neufert ,Architects data,1980

Magazines - enter net
1. www.greatbuilding.com
2. www.arcspace.com
3. www.m7mar.com

15Weeks: From the 21th of September to 22nd of January

Week	Theoretical Part	Practical Part	Tasks for students
1st Week	Review of profile of hotel industry , WTO minimum hotel standards	Projects allocated to students	Starting site analysis ,linked with boundary identification
2nd Week	Review of profile of hotel industry , WTO minimum hotel standards	Site analysis , factors determining site capacity, environmental factors	Literature review of min. 3 categories of hotels with full analysis
3rd Week	Hotel characteristics	Alternatives design concepts to be submitted for approval	Alternatives design concepts to be submitted for approval
4th Week	Hotel characteristics	Concept approval	examples of touristic sites
5th Week	Organization and marketing and Facility programming	Floor plan design	Visit to 2 hotels
6th Week	Building plans	Floor plan design matching form & structure (architectural design strategy)	Hotel visit , discussion ,
7th Week	Hotel entrances, lobbies and circulations	Primary plans presentation	Design work
8thWeek	Guestrooms and suites	Design development (case study- floor plan)	Design work

9th Week	Public facilities	Design development (case study- 3D)	Design work
10th Week	Back-of-house operational areas	Design development (case study- 3D)	Design work
11th Week	Environmental standards: technical installations	Pre-final design presentation	Design work
12th Week	Evaluation of submission	Design development (3D)	Design work
13th Week	Study of building facades	Design development (3D)	Design work
14th Week	Façade design	Design development (3D)	Design work
15th Week	Façade design	Final presentation and evaluation	Design work