



Department of Architecture

College of Engineering

University of Salaheddin

Subject: Architecture Design 7

Course Book (Year 4)

Lecturer's name

- Dr. Muhanad Rasam (Lecturer, PhD)
- Dr. Mand Ibrahim Aziz (Lecturer, PhD)
- Zainab Qasim (Lecturer, M.Sc.)
- Usama Majid (Assistant Lecturer, M.Sc.)
- Shna Asad (Assistant Lecturer, M.Sc.)
- Nashmil Shwan (Assistant Lecturer, M.Sc.)
- Maysa Ghazi (Assistant Lecturer, M.Sc.)

Academic Year: 2023/2024

Course Book

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| 1. Course name | Architecture Design 7- 4132 |
| 2. Lecturer in charge | Dr. Muhanad Rasam (Lecturer, PhD) |
| 3. Department/ College | Architecture/college of engineering |
| 4. Contact | E-mail: mohanad.rassam@su.edu.krd Tel:07504453934 |
| 5. Time (in hours) per week | [(Theory: 3 hr) – (Practical: 7 hr)]/week |
| 6. Office hours | 10 hr |
| 7. Course code | 4132 |
| 8. Teacher's academic profile | (Mohanad Rasam) I graduated (bachelor degree) from Mosul university at 1984 then started work as junior architect for 3 years, by 1987 then started as junior Eng. I had been appointed as engineer in university of Salahaddin until 1991 then started my master degree graduation in university of technology which completed by 1994 then continued work as lecturer assistant 1994-2000 in university of Salahaddin. I started my PHD studies by 1998 till 2004 in university of Baghdad when I got the title of lecturer in university of Salahaddin till now. I have continues practices in construction fields concerning design and projects executions. |
| 9. Keywords | Hotel design, Theory, Concept, Site plan |
| 10. Course overview: | <p>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.</p> <p>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.</p> |
| 11. Course objective: | <ol style="list-style-type: none"> 1. To Collect information and Knowledge about resort development, civic center hotels or mixed uses through theory and case studies. 2. To Identify the principle data in theory and practice through studying similar works and updated case studies. 3. To analyze the existing data for a specific site integrated with the proposed requirements and concept. |

4. To specify the problems from general information and to adopt the design method for the required functions and real feasible project.

12. Student's obligation

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

13. 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)

14. Assessment scheme

[5-star Hotel Project 100%]

- Similar examples, Site analysis, Report, Daily work,
- Day sketch and 15%
- Concept 10%
- Prelim 20%
- Pre-Final 25%
- Final 30%

15. Student learning outcome:

At the end of the semester, students would be able to cover the following points:

1. Prepare a project program and space allotment.
2. Build a design concept on the understanding of other new updated concepts in the discipline; this should match the students' site.
3. The student's work should include a deep understanding of the subject in combination with others practices and viewpoints with student's specialty in the final product.
4. Multi-stage development of design until final presentation.

16. Course Reading List and References:

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

5. Neufert, Architects data, 1980

Magazines - enter net

1. www.greatbuilding.com
2. www.arcspace.com
3. www.m7mar.com

14 Weeks: from 11/9/2023

| Week | Theoretical Part | Practical Part | Tasks for students |
|----------------------|---|--|---|
| 1 st Week | Review of profile of hotel industry , WTO minimum hotel standards | Projects allocated to students | Starting site analysis ,linked with boundary identification |
| 2 nd 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 |
| 3 rd Week | Hotel characteristics | Alternatives design concepts to be submitted for approval | Alternatives design concepts to be submitted for approval |
| 4 th Week | Hotel characteristics | Concept approval | examples of touristic sites |
| 5 th Week | Organization and marketing and Facility programming | Floor plan design | Visit to 2 hotels |

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| 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 |
| 8th Week | 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 | Final presentation and evaluation | Design work |

19. Examinations:

- 1- Students should attend lectures (theoretical part and practical part).
- 2- Discussion and criticism in the studio are required in all lectures.
- 3- Homework and classwork for each lecture are required.
- 4- Similar example report and presentation.
- 5- site selection report and presentation.
- 6- Day sketch.

7- Students should submit [Prelim, Prefinal, and Final]

20. Extra notes:

21. Peer review