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**Department of Architecture**

**College of Engineering**

**Salahaddin University – Erbil**

**Subject: Architectural Thesis**

**Course Book –Year 5**

**Lecturer's name:**

**Asst.Prof. Dr. Salahadden Yassin**

**Asst. Prof. Dr. Hamid Turki**

**Asst.Prof. Dr. Husein Ali**

**Asst. Prof. Dr. Faris Ali**

**Dr. Kayfi Akram Mawlan**

**Dr. Dara Talet**

**M. Ansam Saleh**

**M. Lana Abubaker**

**M. Ahmed Ismail**

**Academic Year: 2022 -2023**

**Course Book**

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| **1. Course name** | **Architectural Thesis** |
| **2. Lecturer in Charge** |  **(Lecturer, PhD)** **Asst. Prof. Dr. Salahadden Yassin** |
| **3. Department/ College** | **Architecture/ Engineering** |
| **4. Contact** | **E-mail:** **salahaddin.baper@su.edu.krd****Tel:** **7504091111** |
| **5. Time (hr. / week)** | **[(Theory: 3 hr) – (Practical: 7 hr)]/week**  |
| **6. Office hours** | **Most of the week due to the (Graduation Project)** |
| **7. Course overview:**In this course, the staff will try to explain the way of dealing with a new project by working on two parts. The first is to write a thesis, small research on a particular subject that have been approved by the staff, in this section the staff will give students complete details of each chapter of the thesis five chapters, in a continuous classroom lecture, each lecture will talk about a specific chapter, and by the end of each lecture, students will be able to write a chapter and move forward. At the end of the first semester, students will submit their final draft, and will asked to apply their work and express it as a practical design for the design part. Graduation project with the help of the staff and supervisors that each student has an individual supervisor, will be completed and covers the most important parts of the project design. |
| **8. Course Objective:**1. To give students extensive knowledge of the entire project design.
2. To show the most important ways in writing a thesis book and research for relevant information.
3. To display a systematic way in submitting a whole project.
4. To be able to solve the smallest details about any project.
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| **9. Student's Obligation**1. Each student must attend the course to identify both sides of the thesis the theoretical part characterised in the writing thesis and the practical part, the project design.
2. They are responsible for reading all relevant lectures on this topic.
3. They are responsible for submitting thesis in the first semester, in different submissions as well the final presentation.
4. They are responsible for submitting a project design at the end of the second semester.
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| **10.Forms of Teaching:**1. Drawing on the whiteboard.
2. Give critiques to students directly on their work sheets, including the written part and design part
3. Critiques will be either individual or general.
4. Open discussions, represented by both staff and the students.
5. Explaining the concepts by using 3d models
6. Each student will have a supervisor who will help him/her to advance the thesis as well the design part within the framework of supporting by all staff.
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|  **11.Assessment Scheme**The assessment scheme will be divided to two parts as the following details:1.The written part of the thesis book (15%), all stages of submissions will be over (35%), this section will be divided into sub-sections; (concept (5%)., prelim (10%) -pre-final (20%)). 2. Final submission for the thesis design (50%). |
| **12.Course Reading List:****Main Reference*** Architect's data.
* Time saver.
* How to write academic assay.
* All hand books of architectural design.
* All the books and magazines related to the project.
* The reports of the students of the previous years.

All the links that related with explaining different similar examples. |
| **From the 5th of October to 14th of January** |
| **Weeks** | **Theoretical Part** | **Practical Part** |
| **1st Week****Mon.20/9/2021****1.1)**  | - Selecting & confirming Projects Supervisors.- Selecting & confirming Projects Names.- Course book Explanation |
| **Thu. 23/9/2021****1.2)**  | -Discussing the method of arranging the report, its division to chapters & **the 1st chapter** including; **goals, aims and the reasons of selecting the project**. | **open discussion for the 1st thesis chapter,****discussing and confirming projects names.** |
| **2nd Week****Mon.27/9/2021****2.1)**  | **Presenting 1st Chapter** |
| **2.2)****Thu. 30/9/2021** | Explaining the method of writing **site selection** chapter. | Explain the Project Definition and site selection chapters with supervisor, **requesting 3 sites** |
| **3rd Week** **Mon.4/10/2021****3.1)** | **Second chapter presentation (site selection chapter)** |
|  **3.2)****Thu. 7/10/2021** | **General Criticism** |
| **4thWeek** **Mon.11/10/2021****4.1)** | **Confirming site selection**  |
| **4.2)****Thu. 14/10/2021** | Explaining the **similar example** chapter, (3rd) chapter. | Explaining Similar Example Chapter with supervisor |
| **5thWeek** **Mon.18/10/2021****5.1)** | **Third chapter presentation (similar example chapter)** |
| **5.2)****Thu. 21/10/2021** | (General Critics) |
| **6th Week**  **Mon.25/10/2021****6.1)** | Explaining the method of writing projects **main components & functional relationship** chapter (4th) chapter. | Explaining 1st and 2nd and 3rd Chapters with Supervisor |
| **6.2)****Thu. 28/10/2021** | **Explaining how to create the graduation project** (**Concept**) | Individual critic with Supervisor |
|  **7thWeek**  **Mon.1/11/2021****7.1)** | **Presenting (1st, 2nd, 3rd) chapters** |
| **7.2)****Thu. 4/11/2021** | Explaining the method of writing **space program** chapter(5th) chapter  | **All** Chapters discussion with Supervisor |
| **8th Week** **Mon.8/11/2021****8.1)**  | **Presenting (4th and 5th ) chapters** |
| **8.2)****Thu. 11/11/2021** |  **(General Critics)** |
|  **9th Week**  **Mon.15/11/2021****9.1)** | **Presenting First Concept** |
|  **9.2)****Thu. 18/11/2021** | General & individual critiques. |
| **10th Week**  **Mon.22/11/2021****10.1)** | **presenting all chapters**  |
| **10.2)****Thu. 25/11/2021** | Individual critiques with supervisor |
|  **11th Week**  **Mon.29/11/2021****11.1)** | **Presenting Second Concept** |
| **11.2)****Thu. 2/12/2021** | **Discussion; Writing Thesis with supervisor** |
|  **12th Week** **Mon.6/12/2021****12.1)** | General & individual critiques |
| **12.2)****Thu. 9/12/2021** | General & individual critiques |
| **13th Week** **Mon.13/12/2021****13.1)** | **Final seminar presentation (writing Thesis)** |
| **13.2)****Thu. 16/12/2021** | **Final seminar presentation (writing Thesis)** |
|  **14thWeek Mon.20/12/2021****14.1** | **Final seminar presentation (writing Thesis)** |
| **23-30/12/2021** | **First semester exam**  |
| **2-13/1/2022** | **Day off Christmas** |
| **15th Week** **Mon. Mon.17/1/2022****15.1)**  | **Presenting (two) copies of thesis writing and (two) copies of CD****(Cover should be green colour for all students)** |
| **15.2)** **Thu. 20/1/2022** | General & individual critiques (Thesis Design) |
| **16th Week**  **Mon.24/1/2022****16.1)** | **Presenting & evaluating** the **Third concept** for Thesis project, **Requirements**; zoning, all Plans, site plan, and model General & individual critiques (Thesis Design) |
| **16.2)****Thu. 27/1/2022** | General & individual critiques |
| **17th Week** **Mon.31/1/2022****17.1)** | General & individual critiques |
|  **17.2)****Thu. 3/2/2022** | General & individual critiques |
| **18th Week** **Mon.7/2/2022****18.1)** | Presenting & evaluating **First prelim (1st)** for Thesis project. |
|  **18.2)****Thu. 10/2/2022** | General & individual critiques |
| **19th Week** **19.1) Mon.14/2/2022**  | General & individual critiques |
|  **19.2)****Thu. 17/2/2022** | General & individual critiques |
| **20th Week**  **Mon.21/2/2022** **20.1)** | Presenting & Evaluating **Second Prelim (2nd)** including (Concept, site plan, all plans within structure, Elevations, Sections). |
|  **20.2)****Thu. 24/2/2022** | General & individual critiques |
| **21st Week** **Mon.28/2/2022** **21.1)** | General & individual critiques |
|  **21.2)****Thu. 3/3/2022** | General & individual critiques |
| **22nd Week****Mon.7/3/2022** **22.1)** | Presenting & Evaluating **FINAL PRELIM**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details) , Elevations (SHOWING MATERIALS), sections & 3D views with materials). |
| **22.2)** **Thu. 10/3/2022** | General & individual critiques |
| **11-24/3/2022** | **Nawroz Holiday** |
|  **23rd Week** **Mon.28/3/2022** **23.1)** | General & individual critiques |
| **23.2)****Thu. 31/3/2022** |  General & individual critiques |
| **24th Week** **Mon.4/4/2022** **24.1)** | Presenting & Evaluating **FIRST PRE-FINAL**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details), Elevations (showing materials), sections & 3D views), within model. \*Sheet sizes should fit the board. |
| **24.2)****Thu. 7/4/2022** | General & individual critiques |
|  **25th Week** **Mon.11/4/2022** **25.1)** | General & individual critiques |
|  **25.2)****Thu. 14/4/2022** | General & individual critiques |
| **26th Week** **Mon.18/4/2022** **26.1)** | Presenting & Evaluating **SECOND PRE-FINAL**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details), Elevations (showing materials), sections & 3D views), within model. \*Sheet sizes should fit the board.\*Full detailed presentation |
|  **26.2)****Thu. 21/4/2022** | General & individual critiques |
| **27th Week** **Mon.25/4/2022** **27.1)** | General & individual critiques |
| **27.2)****Thu. 28/4/2022** | General & individual critiques |
|  **Week 28th** **Mon.2/5/2022** **28.1)** | General & individual critiques |
| **28.2)****Thu. 5/5/2022** | General & individual critiques |
|  **Week, 29th****7-12/5/2022** | **Final Presentation (Graduation Project) Seminars** |

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| **Date** | **submissions** |
| **2nd Week****Mon.27/9/2021****2.1)**  | **Presenting 1st Chapter** |
| **3rd Week** **Mon.4/10/2021****3.1)** | **Second chapter presentation (site selection chapter)** |
| **3rd Week** **Mon.4/10/2021****3.1)** | **Second chapter presentation (site selection chapter)** |
| **5thWeek** **Mon.18/10/2021****5.1)** | **Third chapter presentation (similar example chapter)** |
|  **7thWeek**  **Mon.1/11/2021****7.1)** | **Presenting (1st, 2nd, 3rd) chapters** |
| **8th Week** **Mon.8/11/2021****8.1)**  | **Presenting (4th and 5th ) chapters** |
|  **9th Week**  **Mon.15/11/2021****9.1)** | **Presenting First Concept** |
| **10th Week**  **Mon.22/11/2021****10.1)** | **presenting all chapters**  |
|  **11th Week**  **Mon.29/11/2021****11.1)** | **Presenting Second Concept** |
| **13th Week** **Mon.13/12/2021****13.1)** | **Final seminar presentation (writing Thesis)** |
|  **14thWeek Mon.20/12/2021****14.1** | **Final seminar presentation (writing Thesis)** |
| **15th Week** **Mon. Mon.17/1/2022****15.1)**  | **Presenting (two) copies of thesis writing and (two) copies of CD****(Cover should be green colour for all students)** |
| **16th Week**  **Mon.24/1/2022****16.1)** | **Presenting & evaluating** the **Third concept** for Thesis project, **Requirements**; zoning, all Plans, site plan, and model General & individual critiques (Thesis Design) |
| **18th Week** **Mon.7/2/2022****18.1)** | Presenting & evaluating **First prelim (1st)** for Thesis project. |
| **20th Week**  **Mon.21/2/2022** **20.1)** | Presenting & Evaluating **Second Prelim (2nd)** including (Concept, site plan, all plans within structure, Elevations, Sections). |
| **22nd Week****Mon.7/3/2022** **22.1)** | Presenting & Evaluating **FINAL PRELIM**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details) , Elevations (SHOWING MATERIALS), sections & 3D views with materials). |
| **24th Week** **Mon.4/4/2022** **24.1)** | Presenting & Evaluating **FIRST PRE-FINAL**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details), Elevations (showing materials), sections & 3D views), within model. \*Sheet sizes should fit the board. |
| **26th Week** **Mon.18/4/2022** **26.1)** | Presenting & Evaluating **SECOND PRE-FINAL**, including (concept, site plan, Full plans details (Architectural, Structural & furniture details), Elevations (showing materials), sections & 3D views), within model. \*Sheet sizes should fit the board.\*Full detailed presentation |
|  **Week, 29th****7-12/5/2022** | **Final Presentation (Graduation Project) Seminars** |