



**Department of Architecture**  
**College of Engineering**  
**Cihan University**

**Subject: Building Rehabilitation**  
**Course Book – Fifth, First Semester**

**Lecturer's name**

**MSc. Sara Dhaiaadin**

**Bahaadin**

**Academic Year: 2025/2026**

# Course Book

<b>1. Course name</b>	<b>Building Rehabilitation</b>
<b>2. Lecturer in charge</b>	MSc Sara Dhiaadin Bahaadin
<b>3. Department/ College</b>	Architecture/Engineering
<b>4. Contact</b>	<a href="mailto:sara.bahadin@sulicihan.edu.krd">sara.bahadin@sulicihan.edu.krd</a>
<b>5. Time (in hours) per week</b>	Th. (1 hour), Practical (3 hours)
<b>6. Office hours</b>	Wednesday from 12.00pm to 5.00 pm
<b>7. Course code</b>	
<b>8. Teacher's academic profile</b>	<p><b>Sara Dhiaadin Bahaadin</b></p> <p>Bachelor's degree in architectural engineering university of Sulaymaniyah 2008</p> <p>M.Sc. in sustainable environmental design in architecture from the university of Liverpool/UK 2013</p>
<b>9. Keywords</b>	
<b>10. Course overview:</b>	<p>This class will familiarize the students with Rehabilitation Movement, including an introduction to terminology and history related to historic conservation and architecture. This class will teach the students how to use their knowledge in the architectural local styles, as well as the research methodology, as it develops their research skills as they work in their term projects. The practice of historic conservation and rehabilitation as an industry will be examined, focusing on local and global charts, legislations and common techniques. This class is a 1 semester course with 4hrs per week: 1hr Theory + 3 hrs Practical.</p>
<b>11. Course objective:</b>	<p><input type="checkbox"/> To introduce students to the cross currents between theory and practice in Conservation and Rehabilitation. <input type="checkbox"/> To introduce students to the political, social, and intellectual influences in Architecture. <input type="checkbox"/> To the main procedures and strategies that are used in conserving and rehabilitating the historic monuments.</p>
<b>12. Student's obligation</b>	Students are Required to attend class, do their homework.
<b>13. Forms of teaching</b>	The element is explained mainly by data show and the board is used.
<b>14. Assessment scheme</b>	<p>80% Final works</p> <p>20% Final Exam</p>

### 15. Course Reading List and References:

□ ANTIQUITIES AND HERITAGE IRAQI LAW: Law no. (55) of 2002. □ ICOMOS, INTERNATIONAL CHARTS AND DOCUMENTS. □ MURTAGH, WILLIAM J., KEEPING TIME: The History and Theory of Preservation in America, 3rd edition, John Wiley & Sons, Inc., Canada, 2006. □ YOUNG, ROBERT A., PE, and LEED AP, HISTORIC PRESERVATION TECHNOLOGY, John Wiley & Sons, Inc., Canada, 2008.

□ والتوزيع، مصر، 2008. □ 2 خطاب، سعيد علي، ترميم وصيانة المباني الأثرية والمعمارية، دار الكتب العلمية للنشر العالمية، دار قابس ش م م 2006.

□ فضل الله، جعفر زهير، صيانة وترميم المكتشفات الأثرية: أحدث الوسائل والتقنيات

للطباعة والنشر والتوزيع، لبنان، الكفلاوي، سامي عبد الحسين، التشقق والإنهيار في المباني التاريخية وطرق الصيانة

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Time of lecture	Lecture Topics
Week 1	Introduction, Making Groups and Choosing Their Projects
Week 2	CONSERVATION: Historical Background. (Th.) Starting Their Data Collection.
Week 3	How To Choose Which Level of Conservation Is More Suitable. (Th.) Data Collection
Week 4	DOCUMENTATION: How to Write Their Projects' Reports (Th.) 1st Prelim
Week 5	Challenges, Examples of How to Deal with Them (Th.) Class Work (Presentation)
Week 6	MATERIALS (Th.) (Presentation) (Pr.) 7 REHABILITATION Examples (Th.) Pre-Final (Pr.)
Week 7-8	REHABILITATION Examples (Th.) Class Work (Pr.)
Week 9	Groups Merging (4 Students/Group) To Put and Design A Plan To Rehabilitate A Group Of Buildings
Week 10	Presentations And Class Work (Pr.) 12 Presentations and Class Work (Pr.)
Week 11	
Week 12	Presentations And Class Work (Pr.) 14 Final –Full Report II (Pr.)
Week 13	Final Submission

