

Marmara University Faculty of Architecture  
School of Architecture and Design  
2024-2025 Fall Semester

Course Title	Code	Semester	Hour (T+P)	Credit	ECTS
Conservation and Design	ARCH 303	Fall	1+2	2	3
<b>Prerequisites</b>	-				
<b>Language of Instruction</b>	English				
<b>Course Type (Required / elective)</b>	Required				
<b>Course Coordinator</b>	Assist. Prof. Dr. Zeynep İNAN OCAK				
<b>Instructor /e-mail</b>	Assist. Prof. Dr. Zeynep İNAN OCAK inan.ocak@marmara.edu.tr Assoc. Prof. Dr. Nurdan KUBAN ORCAN nurdan.kuban@marmara.edu.tr				
<b>Assistans</b>	-				
<b>Goals</b>	The aim of the course is based on an understanding of conservation in architecture and city. It is also aimed to involve with the thought that conservation is a part of architectural design. Besides this concept, building survey techniques will be taught on a historical building.				
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Learning the meaning and processes of conservation thought</li> <li>2. Questioning conservation thought as a part of architecture.</li> <li>3. Learning analysis techniques in built environment</li> <li>4. Learning building survey techniques either traditional or contemporary.</li> <li>5. Presentation of building survey process and documentation of historical environment</li> </ol> Learning different approaches in architectural design in a historical environment.				
<b>Course Content</b>	The course is composed of two sections. First is the theoretical background of conservation that is based on the philosophy of conservation and its techniques besides architectural design approaches of new buildings in historical cities. Second part is based on practicing building survey in terms of documentation, research and architectural presentation of them.				
<b>Assessment Criteria</b>	<b>Assessment Components</b>				
	<b>Weekly Studies</b>		%30		
	<b>Mid-term</b>		%30		
	<b>Final Exam</b>		%40		
	<b>TOTAL</b>		%100		
<b>Midterm grade:-</b>					
<b>Final grade:50</b>					
<b>Course success:50</b>					

WEEKLY TOPICS AND PREPARATIONS		
Weeks	Topics	Initial Studies
Week 1	Theory: Introduction of the course Practice: Practicing drawing base	

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	sketches for building survey (On-campus activity) Researching for the building to work on	
<b>Week 2</b>	<p><i>Theory:</i></p> <ul style="list-style-type: none"> <li>● Discussion: Why do we conserve? What do we conserve?</li> <li>● Traditional measuring techniques, tools, processes of building survey</li> <li>● Introducing drawing set and photograph sheet. (e +i)</li> </ul> <p><i>Practice:</i> Measuring of the sketched places on campus, implementation of measuring techniques, proceeding to create survey drawings -</p>	Forming groups of 3-5 people, research for a heritage place to survey during the term.
<b>Week 3</b>	<p><i>Theory:</i> Concepts in conservation - history of conservation-1</p> <p><i>Practice:</i> Evaluation of proposed term projects for groups, discussion about proposed structures. Introduction to building survey practice: Discussing and drawing the technical drawings of the building.</p>	Research on term project by groups, preliminary documentation studies
<b>Week 4</b>	<p><i>Theory:</i> Concepts in conservation - history of conservation-2 Modern technologies and methods of building surveying and research</p> <p><i>Practice:</i> Discussing and drawing the technical drawings of the building: general layout of the building in the environment</p>	Drawings
<b>Week 5</b>	<p><i>Theory:</i> Principles of Conservation and contemporary concepts</p> <p><i>Practice:</i> Plans, sections and facades of the building</p>	Readings (will be given) Drawings
<b>Week 6</b>	<p><i>Theory: Student Presentations</i></p> <p><i>Practice:</i> Plans, sections and facades of the building</p>	Drawings
<b>Week 7</b>	<p><i>Theory:</i> Discussing materials and damage assessments of the building</p> <p><i>Practice:</i> 1/200 Site plan, 1/50 Plans, sections and facades of the building</p>	Drawings

<b>Week 8</b>	<i>Theory: Historical research of a structure, theoretical reconstruction (restitution) research</i> <i>Practice: 1/50 Plans, sections and facades of the building: Damage and material analyses.</i>	Drawings
<b>Week 9</b>	<i>Theory: Minding the gap: architectural design in historical environment</i> <i>Practice: Restitution research and drawings</i>	Restitution research Readings (will be given) Drawings
<b>Week 10</b>	<i>Theory: Conservation methods and techniques: Common techniques, their implementation, cases.</i> <i>Practice: Restitution proposal, drawings</i>	Drawings
<b>Week 11</b>	<i>Theory: Conservation methods and techniques: Common techniques, their implementation, cases.</i> <i>Practice: Restitution proposal, drawings: &amp; conservation proposals</i>	Drawings
<b>Week 12</b>	<i>Theory: Student presentations on their structures: Findings of damages and historical research, class discussion on conservation and use approaches</i> <i>Practice: Proposals regarding conservation and reuse</i>	Drawings
<b>Week 13</b>	<i>Theory: Conservation methods and techniques: Common techniques, their implementation, cases.</i> <i>Practice: 1/ 50 Plans, sections and facades of the building</i>	Drawings
<b>Week 14</b>	Last presentations and preparations for the final submission.	Drawings
<b>Week 15</b>	<i>Practice: 1/50 Plans, sections and facades of the building</i>	

#### REFERENCES

- Jokilehto, J. (2004) [first 1999]. *A History of Architectural Conservation*. Oxford: Elsevier.
- Larkham P. J. (1996). *Conservation and The City*. London: Routledge
- Uluengin B (2002); Rölöve, Yapı Endüstri Merkezi Yayınları İstanbul
- Ahunbay, Z. (1996). *Tarihi Çevre Koruma Ve Restorasyon [Historical Environment Conservation and Restoration]*. İstanbul: YEM Yayın.
- Erder, C. (2018) *Tarihi Çevre Algısı*. İstanbul: YEM

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- o Letellier, R., Schmid, W., LeBlanc., F. (2007) *Recording, Documentation, and Information Management for the Conservation of Heritage Places: Guiding Principles*. Los Angeles, CA: Getty Conservation Institute.  
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<b>ECTS / WORKING HOUR TABLE</b>			
<b>Activities</b>	<b>Number of Weeks</b>	<b>Duration (Hour)</b>	<b>Working Hours</b>
<b>Duration of the Course (Including Exams: 14 x Total Weekly Course Hour)</b>	15	3	45
<b>Extracurricular Working Hour (Preparatory Work, Review, Internet studies etc.)</b>	15	2	30
<b>Midterm exam</b>	1	5	5
<b>Homeworks and Presentations</b>	8	1,5	12
<b>Final Exam</b>	1	8	8
<b>Working Hours in Total</b>			100
<b>Working Hours in Total / 30</b>			3,3
<b>ECTS Credit of the Course</b>			3