

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
Prerequisites	-				
Language of Instruction	English				
Course Type (Required / elective)	Required				
Course Coordinator	Assist. Prof. Dr. Zeynep İNAN OCAK				
Instructor /e-mail	Assist. Prof. Dr. Zeynep İNAN OCAK inan.ocak@marmara.edu.tr Assoc. Prof. Dr. Nurdan KUBAN ORCAN nurdan.kuban@marmara.edu.tr				
Assistans	-				
Goals	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.				
Learning Outcomes	<ol style="list-style-type: none"> 1. Learning the meaning and processes of conservation thought 2. Questioning conservation thought as a part of architecture. 3. Learning analysis techniques in built environment 4. Learning building survey techniques either traditional or contemporary. 5. Presentation of building survey process and documentation of historical environment Learning different approaches in architectural design in a historical environment.				
Course Content	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.				
Assessment Criteria	Assessment Components				
	Weekly Studies			%30	
	Mid-term			%30	
	Final Exam			%40	
	TOTAL			%100	
Midterm grade:-					
Final grade:50					
Course success:50					

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	
Week 2	<p><i>Theory:</i></p> <ul style="list-style-type: none"> ● Discussion: Why do we conserve? What do we conserve? ● Traditional measuring techniques, tools, processes of building survey ● Introducing drawing set and photograph sheet. (e +i) <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.
Week 3	<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
Week 4	<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
Week 5	<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
Week 6	<p><i>Theory: Student Presentations</i></p> <p><i>Practice:</i> Plans, sections and facades of the building</p>	Drawings
Week 7	<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

Week 8	<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
Week 9	<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
Week 10	<i>Theory: Conservation methods and techniques: Common techniques, their implementation, cases.</i> <i>Practice: Restitution proposal, drawings</i>	Drawings
Week 11	<i>Theory: Conservation methods and techniques: Common techniques, their implementation, cases.</i> <i>Practice: Restitution proposal, drawings: & conservation proposals</i>	Drawings
Week 12	<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
Week 13	<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
Week 14	Last presentations and preparations for the final submission.	Drawings
Week 15	<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

OR

Erder, C. (1986) *Our Architectural Heritage: From Consciousness to Conservation*. Paris: UNESCO
(<https://unesdoc.unesco.org/ark:/48223/pf0000071433>)

- o Swallow, P., Watt, D., Ashton, R., *Measurement and Recording of Historic Buildings*, London, 1993.
- 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.
(http://www.getty.edu/conservation/publications_resources/pdf_publications/recordim.html)

AND

Eppich, R., Chabbi, A. (eds.) (2007) *Recording, Documentation and Information Management for the Conservation of Heritage Places: Illustrated Examples*. Los Angeles, CA: Getty Conservation Institute.
(http://www.getty.edu/conservation/publications_resources/pdf_publications/recordim_vol2.html)

ECTS / WORKING HOUR TABLE			
Activities	Number of Weeks	Duration (Hour)	Working Hours
Duration of the Course (Including Exams: 14 x Total Weekly Course Hour)	15	3	45
Extracurricular Working Hour (Preparatory Work, Review, Internet studies etc.)	15	2	30
Midterm exam	1	5	5
Homeworks and Presentations	8	1,5	12
Final Exam	1	8	8
Working Hours in Total			100
Working Hours in Total / 30			3,3
ECTS Credit of the Course			3