

Marmara University Faculty of Architecture and Design School of Architecture
2025-2026 Fall Semester

Course Title	Course Code	Semester	(T+P)	Credit	ECTS
Architectural Design Theory I	ARCH1003	1	2+0	2	2
Prerequisite	-				
Language	English				
Course Type	Mandatory				
Lecturer(s)	İmre ÖZBEK EREN-Nil AYNALI				
Lecturer(s)/ e-mail	imre.eren@marmara.edu.tr, nil.aynali@marmara.edu.tr				
Assistant(s)	Fatma Zeynep KIZILTAŞ MUTLU				
Assistant(s)/ e-mail	fatmazeynep.kiziltasmutlu@marmara.edu.tr				
Aim of the Course	Architectural Design Theory I aims to critically comprehend and discuss the positions and situations of architectural design within the physical and social relational context of the earth.				
Learning Outcomes	• Acquiring knowledge about the fields associated with architecture and architectural design • Developing awareness about the diversity of architectural design approaches • Understanding the relationship between ontology and architectural design • Ability to discuss the consequences of geographical and critical positioning in architectural design • Recognition of architecture concerning materiality				
Course Description	The first part of this course, which has a conceptual and ontological focus, consists of discussions of matter and relationality, body conceptions, environmental perception and temporality. The physical and social context of the earth is discussed, as well as the basics of the act of architectural design. The second part of the course elaborates on the discussions in the first part of the course by centering on the acts of seeing, translating and constructing.				
Teaching Methods	1- All the documents (except the films etc.) will be shared on the cloud folder beside the syllabus (please use this link): 2025-26-Fall-ADT1 2- This cloud folder includes the preworks, in-class practices and after-class assignments for each week. 3- For the homeworks/assignments, Kahoot and Miro platforms will be used. 4- Kahoot quizzes will be conducted at the end of each class during the class period. Links to Kahoot quizzes will be announced every week via Teams. 5- A board will be used in Miro for assignments and other work; please use this link: Miro Board- ADT1 2025-26 Fall 6- The "further" readings, movies etc. are optional and not to be objected to evaluation.				
Assessment Criteria	MIDTERM GRADE			%40	
	Quiz Evaluations (%20) + Assignments (%20) + Midterm Exam (%60)				
	FINAL EXAM GRADE			%60	
	Quiz Evaluations (%10) + Assignments (%10) + Presentations (%30) + Final Exam (%50)				
	FINAL GRADE			%100	
	Midterm Exam Grade (Semester/in-Year Evaluation) 40%+ Final Exam Grade (Semester/Final-Exam-Grade): 60%= Final (Success) Grade 100%				

CALENDAR					
W	DATE	TOPICS	BRIEF	PRE-WORKS	AFTER-CLASS WORKS
START OF THE COURSE TERM					
1	22.09.2025	Prologue 1: The Earth and Surfaces. Physical Context	Sub-Topics: I. How do we learn? Introduction to architectural thinking II. Earth, space and architecture: To nestle gently into the earth ○ Architecture is a profession, a building activity that re-shapes the earth ○ Introduction of a discussion on how to be/built on earth in this context with an example: Sancaklar ○ Building into the earth: not being an object on earth, but being a void inside the earth.		

Marmara University Faculty of Architecture and Design School of Architecture
2025-2026 Fall Semester

2	29.09.2025	EXCURSION to Sancaklar Mosque by EAA-Arolat Architects	Departure at 08:00 from Cevizli	Videos • https://youtu.be/2qZvvydkGXs • https://www.youtube.com/watch?v=uzXF3h9Tmxw&t=189s Readings • Project text available at https://emrearolat.com/project/sancaklar-mosque/ Further Readings • 'The First Mosque' by Emre Arolat, EAA booklet.	Kahoot Quiz in Class
3	06.10.2025	Place and Spatiality	Sub-Topics: - Questioning time, space, and meaning. - Is void a spatial element? - Borders in architecture (the wall and the roof), spatial borders (vertical, horizontal and oblique surfaces) - Spaces of in between - Spaces of transition - Functional Spaces - Place and non-place - Sense of Place, genius Loci	Film • 2 min. excerpt of the movie: https://www.youtube.com/watch?v=VVro5wxqh4U (For further research the full movie is: Matrix, 1999, Director: Wachowski Brothers) Readings • Christopher Norberg-Schulz, 1980. Genius Loci, London: Academy Editions (p-5-6). Further Readings • Tuan Y. F. (1997) Sense of Place: What Does It Mean to be Human? American Journal of Theology and Philosophy, 18(1).	Submission 1
					Submission 2
4	13.10.2025	Actors and Actions	Sub-Topics: - In the pursuit of the question: How and by whom /what factors is a space produced/created /designed? - Terminology/Concepts/Questions ○ What is the meaning of actor and action? ○ What/Who are the actors? ○ The Planner /Architect (1900s) ○ Actor-Networks Theory (ANT) ○ Production of space (Lefebvre) - Context and Scale (from city to human) ○ City ○ Building / Open – Public Spaces ○ Human Scale ○ Environmental aspects (animals, etc.) - Production of space (public, events, experiments...) - Experimental space/ Event Architecture	Film • My Architect (A Son's Journey) 2003, Nathaniel Kahn, Documentary. Readings • Tschumi, Bernard. Event Cities 1. MIT Press, 1994.p. 13. • Tschumi, Bernard. Architecture and Disjunction. Cambridge, MA: MIT Press, 1996. p.139-141.	Kahoot Quiz in Class
					Submission 3
5	20.10.2025	Body Conceptions Dr.Burçin Güngen	Human Body, Anthropometries, Anthropocentrism and its Critics	Readings Levent Şentürk, (2008). Le Corbusier: Oransal İzgaradan Modülör'a. Eskişehir Osmangazi Üniversitesi Müh.Mim.Fak.Dergisi, XXI(2), 1-13.	Kahoot Quiz in Class
6	27.10.2025	Materiality, Embeddedness and Embodiment	Sub-Topics: - What is material, what is matter? - Relation with material in contemporary architecture - Materiality in conventional architecture - Materiality in architectures that takes the matter as the main issue: e.g. Zumthor ----- - The implicit nature of matter (e.g. Heidegger)	Readings • İhsan Bilgin, 2016. Mimarın Soluğu. Metis. (Bölüm 3: 'Maddenin Yoğunluğu')	Kahoot Quiz in Class
					Submission 4

Marmara University Faculty of Architecture and Design School of Architecture
2025-2026 Fall Semester

7	03.11.2025	Time and Temporality	Sub-Topics: I. Time and space (our living in space-time) II. Space lived is not a sole frozen materiality. The space is also time. III. Seemingly frozen vs flowing IV. How can we include the flow of time/temporal becomings in architecture? o Non-temporal architectures o Architectures that flow along time o Architectures which are temporal	Readings • Peter Zumthor, 2006. Atmospheres: Architectural environments – surrounding objects. Basel: Birkhäuser. (pp.10-13)	Kahoot Quiz in Class Submission 5
8	10.11.2025 -16.11.2025 MIDTERM WEEK				
9	17.11.2025	Perception	Sub-Topics: I. What is space? Is it only a material presence? II. Where does the space 'occur'? outside/inside? III. The lived-space vs. perception IV. Subjective spaces	Readings • Juhani Pallasmaa, 1996. The Eyes of the Skin. John Wiley& Sons. (pp.30-31)	Kahoot Quiz in Class Submission 6
10	24.11.2025	Prologue 2: Identifying, Representing, Constructing	Sub-Topics: I. Present/presentation/re-presentation II. Re-presentation of a space (is always related to the question 'What is space?') III. Different ways of representing the space	Readings • Juhani Pallasmaa, 1996. The Eyes of the Skin. John Wiley& Sons. (pp.15-19)	Kahoot Quiz in Class Submission 7
11	01.12.2025	Scanning, Modelling, Projecting, Rendering, Printing	Documenting and Translating a Material World Seminar: Lost & Found in Translation: Architectural Computing Res. Assist. Cansu TAŞ	Film • Flatland: The Movie, 2007. Recommended sequences 19,5 mins 1- 0:00- 04:08 2- 38:30- 40:40 3- 41:20- 45:36 4- 51:00-54:00 5- 56:00-59.00 6- 1:29:00- 1:32:15 Reading	Kahoot Quiz in Class
12	08.12.2025	Measuring (Distances, Levels, Dimensions)	Sub-Topics: I. Why do we measure? What, and How? II. Dimensions of a space III. Scale IV. Human Factors	Film Playtime, 1967. Jacques Tati Reading	Kahoot Quiz in Class Submission 8
13	15.12.2025	Order	Sub-Topics: • Chaos vs. Order • Spatial Hierarchies • Organization of space • Urban space etc. • The concept of measuring in Heidegger as a mode of getting related to the material world	Film Power of Ten, Documentary Reading • Turgut Cansever, 1992. Şehir Ve Mimari Üzerine Düşünceler, Ağaç Yayıncılık • Adam Sharr. Mimarlar için Heidegger. YEM. (pp.78-83)	Kahoot Quiz in Class
14	22.12.2025	Techne- Shelter	Sub-Topics: I. Techne and tectonics II. From detail to whole --- III. Cave vs. Nest/ Primordial Hut IV. Dwelling and Thinking, Learning from Çatalhöyük V. Housing VI. Zones of the City, Street Life	Film • Baraka, 1992 Ron Fricke, Documentary Readings • Martin Heidegger, "The Question Concerning Technology," in Martin Heidegger: Basic Writings. Edited by David Farrell Krell. (New York: Harper & Row, 1977), p.4.	Kahoot Quiz in Class Submission 9

15	29.12.2025	Student Presentations	Teamworks (to be announced)		
16	05.01.2026	Student Presentations Epilogue	Teamworks (to be announced)		
12.01.2026-25.01.2026 FINAL WEEK					

References

Marc Auge, 1992. Yok-Yer, Ed. T. Ilgaz, İstanbul: Kesit Yayıncılık, 1997 (ilk basım 1992).
Edwin Abbott, 1884. Flatland. (Türkçe: Düzlemler Ülkesi).
Gaston Bachelard, 1964. Poetics of Space. The Orion Press.
Semra Aydın, 2002. "Epistemolojik Açından Mekânın Yorumu", Mimarlık Ve Felsefe İçinde Ed. Ural, Şentürer Ve Atasoy, İstanbul: YEM Yayınları.
Rosi Braidotti, 2013. The Posthuman, Polity Press. (Türkçe: Rosi Braidotti, 2014. Hümanizm Sonrası: Benliğin Ötesinde Yaşam, İnsan Sonrası içinde, s:25-72, Kolektif Kitap)
Turgut Cansever, 1992. Şehir Ve Mimari Üzerine Düşünceler, Ağaç Yayıncılık
Marcos Cruz, 2013. The Inhabitable Flesh of Architecture. Routledge.
Michael Ende, 1973. Momo. (could be found in several publishers in Turkish and English and in audio-book version)
James Gibson, 1979. The Ecological Approach to Visual Perception. Psychology Press.
Gülşah Güleç, 2012. "Olay-Kentler: Yeni Bir Bağlamsal Mimarlık Terminolojisi", Mimarlık Dergisi, 366.
Martin Heidegger, 1998. Tekniğe İlişkin Soruşturma, Çev. Doğan Özlem, İstanbul: Paradigma Yayınları (p-43-55).
J. Law 1992. Notes on the theory of the actor-network: Ordering, strategy, and heterogeneity. *Systems practice*, 5(4), 379-393.
Henri Lefebvre, 1991. The Production Of Space, Trans. D. Nicholson Smith, Blackwell Publishing, UK (pp.11-17. (Türkçe Çeviri: H. Lefebvre, Mekânın Üretimi, Çev. I Ergüden, Sel Yayınları, İstanbul, 2016).
Maurice Merleau-Ponty, 2004. The World of Perception-Routledge. (Türkçe: Merleau-Ponty, M., Algılanan Dünya, Metis Yayınları)
Christian Norberg-Schulz, 1979. Genius Loci: Towards a Phenomenology of Architecture. Rizzoli.
Juhani Pallasmaa, 1996. The Eyes of the Skin. John Wiley & Sons.
Antoine Picon, 2018. The Materiality of Architecture. University of Minnesota Press.
Georg Simmel, 1909. Bridge and Door.
Ayşe Şentürer, Şafak Ural, Özlem Berber, Funda Uz (Der.), 2005. Zaman-Mekan, YEM yayın.
Bernard Tschumi, 1994. Event Cities 1. MIT Press.
Simon Unwin, 2009. "Architecture as Identification of Place" in Analysing Architecture, Routledge. (pp.25-34).
Bruno Zevi, 1957. "The Representation of Space" in Architecture as Space: How to Look at Architecture. Da Capo Press (p. 45-72)

ECTS / WORKING HOUR TABLE

Activities	Number of Weeks	Duration (Hour)	Working Hours
Duration of Course (Including Exams: 15 x Total Weekly Course Hour):	17	2	34
Extracurricular Working Hour (Seminar Attendance, Preparatory Work, Review Assignments, Internet Studies, etc.)	15	1	15
Submissions	9	1	9
Midterm	1	3	3
Final exam	1	6	6
Working Hours in Total			67
Working Hours in Total / 30			2,23
ECTS			2