



## ECTS COURSE INFORMATION FORM

School/Faculty/Institute	Faculty of Arts, Design and Architecture
Program	B.Sc. in Architecture
	Required

Course Code	FADA 105
Course Title in English	Design Encounters
Course Title in Turkish	Tasarım Karşılaşmaları
Language of Instruction	English
Type of Course	Lecture
Level of Course	Undergraduate
Semester	Fall
Contact Hours per Week	Lecture: 1,5      Recitation:      Lab:      Other:
Estimated Student Workload	50 hours per semester.
Number of Credits	2 ECTS
Grading Mode	Standard Letter Grade
Pre-requisites	None
Expected Prior Knowledge	None
Co-requisites	None
Registration Restrictions	Only Undergraduate Students
Overall Educational Objective	To understand the role of design in everyday life, variety of design fields, research and processes in design, and design productions
Course Description	The course begins with the introduction of the design idea and design in everyday life. This introduction is followed by discussions on a variety of design fields through the examples from everyday life brought by the students. The main structure of the course is based on the seminars by the professionals from a variety of design fields that focus on their professional experiences; and discussions on these seminars. Students make a preliminary research about the invited lecturers and develop questions and comments about them. The course finalizes with researches and presentations covering a critical review of selected architectural cases from Istanbul.
Course Description in Turkish	Ders, tasarım düşüncesinin ne olduğunun ve tasarımın gündelik hayattaki yerinin tartışılmasıyla başlar. Öğrencilerin gündelik hayatta karşılaştıkları tasarım örneklerinin farklı tasarım alanları üzerinden tartışılmasıyla devam eder. Tasarımın farklı alanlarından profesyonellerin kendi üretim süreçlerine dair seminerleri ve bu seminerler üzerinden gelişen tartışma ortamı dersin ana strüktürünü oluşturur. Öğrenciler, her seminer öncesi konuşmacı ile ilgili bir ön araştırma yapar ve bu araştırma sonucu hazırladıkları soru ve yorumları konuşmacıya yöneltilir. Ders, dönem boyunca yapılan tartışmalar ışığında, İstanbul'da seçilmiş güncel mimarlık örneklerinin eleştirel bir değerlendirmesinin hazırlanması ve sunulması ile sonlanır.
Course Learning Outcomes and Competences	<b>Upon successful completion of the course, the learner is expected to be able to:</b> 1. understand the basic principles of design, the variety of design fields and design processes; 2. discuss professional practice methods of design and their productions; 3. approach critically on design mechanisms; 4. reflect on local architectural heritage and current practices.
<b>Relation to Program Outcomes and Competences: N=None S=Supportive H=Highly Related</b>	
Program Outcomes and Competences	Level N/S/H
	Assessed by Exam, HW, Seminar.

1. Ability to read, write and speak effectively in Turkish and English, equivalent to a B2 European Language Passport Level in English.	S	Discussions in class
2. Ability to question and interpret ideas considering diverse points of view; gather and use data, develop concepts related to people, places and the environment, and make individual decisions.	H	Research, Assignments, Presentations
3. Ability to use appropriate graphical methods including freehand and digital drawing techniques, (ECDL advanced) in order to develop ideas in addition to communicate the process of design.	N	
4. Ability to use fundamental principles of architectural design considering the place, climate, people, society as factors, and simultaneously express present principles in relevant precedents.	H	Assignments, Presentations
5. Understanding of architectural principles belonging to global and local cultures shaped by the climatic, technological, socioeconomic, cultural factors, in addition to principles of historic preservation while developing architectural and urban design projects.	N	
6. Understanding of the theories and methods used to describe the relationship between human behavior and physical environment; and concurrently understanding different needs, values, behavioral norms, social and spatial patterns of different cultures.	H	Research, Assignments, Presentations
7. Ability to apply various stages of design processes considering the client and user needs, which include space and equipment requirements besides site conditions and relevant laws and standards.	N	
8. Understanding of the role of applied research in determining function, form and systems and their impact on human conditions and behavior.	H	Assignments, Presentations
9. Understanding of the basic principles of static and dynamic structural behavior that withstand gravity and lateral forces, in addition to the evolution and applications of structural systems.	N	
10. Ability to apply the principles of sustainability in architectural and urban design projects that aim to preserve the natural and historic resources and provide healthful environments.	N	
11. Ability to apply the fundamental principles of building and safety systems such as mechanical, electrical, fire prevention, vertical circulation additionally to principles of accessibility into the design of buildings.	N	
12. Understanding of the basic principles in the selection of materials, products, components and assemblies, based on their characteristics together with their performance, including their environmental impact and reuse possibilities.	H	Assignments, Presentations
13. Ability to produce a comprehensive architectural project from the schematic design phase to design development phase, while integrating structural systems, life safety and sustainability principles.	N	
14. Understanding of the principles of environmental systems such as energy preservation, active and passive heating and cooling systems, air quality, solar orientation, day lighting and artificial illumination, and acoustics; in addition to the use of appropriate performance assessment tools.	S	Assignments
15. Ability to choose appropriate materials, products and components in the implementation of design building envelope systems.	N	
16. Ability to understand the principles and concepts of different fields in multidisciplinary design processes and the ability to work in collaboration with others as a member of the design team.	S	Assignments
17. Understanding of the responsibility of the architect to organize and lead design and construction processes considering the environmental, social and aesthetic issues of the society.	H	Research, Assignments
18. Understanding of the legal to responsibilities of the architect of the architect effecting the design and construction of a building such as public health and safety; accessibility, preservation, building codes and regulations as well as user rights.	S	
19. Ability to understand the ethical issues involved in the design and construction of buildings and provide services for the benefit of the society. In addition to the ability to act with social responsibility in global and local scales that contribute to the well being of the society.	S	

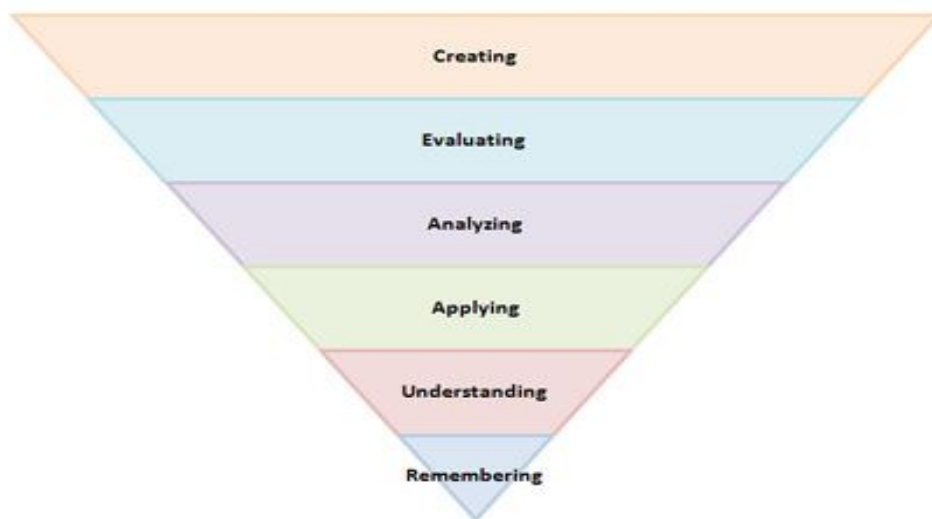
20. Understanding of the methods for competing for commissions, selecting consultants and assembling teams, recommending project delivery methods, which involve financial management and business planning, time management, risk management, mediation and arbitration.		N
Prepared by and Date	İrem Korkmaz 10.03.2020	
Semester	Fall 2019-2020	
Name of Instructor	Dr. Ozan Avcı, Dr. Burcu Serdar Köknar	
Course Contents	Week	Topic
	1.	Introduction: What is Design?
	2.	Discussions on design fields
	3.	Lecture 1: Ali Doruk
	4.	Lecture 2: Kurtul Erkmen
	5.	Lecture 3: Ertuğ Uçar
	6.	Lecture 4: Mert Taş
	7.	Lecture 5: Abdi Güzer
	8.	Lecture 6: Alper Derinboğaz
	9.	Lecture 7: Guillermo Nieto Ross
	10.	Workshop Week
	11.	Lecture 8: Aslıhan Demirtaş
	12.	Final Presentations: Cultural Building Cases
	13.	Final Presentations: Residential & Educational Building Cases
	14.	Final Presentations: Commercial, Industrial and Administrative Building Cases
	15.	Final Examination Period
	16.	Final Examination Period
Required/Recommended Readings	<p>Recommended Reading:</p> <p>Hays, K. M. (Ed.) 2000. <i>Architecture theory since 1968</i>. MIT Press.</p> <p>Hays, K. M. 2010. <i>Architecture's desire: reading the late avant-garde</i>. MIT Press.</p> <p>Leach, N. (Ed.) 1997. <i>Rethinking architecture: a reader in cultural theory</i>. Psychology Press.</p> <p>Nesbitt, K. 1996. <i>Theorizing a New Agenda for Architecture: An Anthology of Architectural Theory 1965-1995</i>. Princeton Architectural Press.</p> <p>Ockman, J. (Ed.) 2005. <i>Architecture Culture: 1943-1968: A Documentary Anthology</i>. Rizzoli.</p> <p>Yürekli, H., and Yürekli, F. 2004. <i>Mimarlık: bir entellektüel enerji alanı</i>. Yapı Endüstri Merkezi.</p>	
Teaching Methods	Flipped classroom, pre-class assignments, lectures, discussions.	
Homework and Projects	Weekly pre-class assignments, 1 final presentation	
Laboratory Work	-	
Computer Use	Yes	
Other Activities	Research work, discussions	
Assessment Methods	<ol style="list-style-type: none"> <li>1. In-semester Works: 60%</li> <li>2. Final Presentations: 40%</li> </ol>	
Course Administration	<p>Office: Block A, Ozan Avcı, Burcu Serdar Köknar Room:514</p> <p>Email: <a href="mailto:avcio@mef.edu.tr">avcio@mef.edu.tr</a> <a href="mailto:koknarb@mef.edu.tr">koknarb@mef.edu.tr</a></p> <p>Attendance and participation during the entire scheduled class time is mandatory. Students are responsible for making a preliminary research about the invited lecturers and raise either questions or make comments as a pre-class activity. Students must be engaged in questioning and discussing; they are required to attend %90 of classes.</p> <p>Academic Dishonesty and Plagiarism: YÖK Disciplinary Regulation.</p>	

**ECTS  
Student  
Workload  
Estimation**

Activity	No/Weeks	Hours			Calculation	Explanation
	No/Weeks per Semester (A)	Preparing for the Activity (B)	Spent in the Activity Itself (C)	Completing the Activity Requirements (D)		
Lecture	14	1	1,5	1	49	$A*(B+C+D)$
Lab etc.					0	
Midterm(s)	1	4	1,5		5,5	$A*(B+C+D)$
Assingment, Project, Presentation, Jury	1	8	0	0	8	$A*(B+C+D)$
Final Examination	1	8	1,5		9,5	$A*(B+C+D)$
Total Workload					72	
Total Workload/25					2,88	
ECTS					<b>3</b>	

## Key verbs for cognitive domain in writing learning outcomes and competences:

### Bloom's Taxonomy



Revised edition by Lorin Anderson (a student of Bloom)

#### Key Verbs:

**Remembering:** defines, describes, identifies, knows, labels, lists, matches, names, outlines, recalls, recognizes, reproduces, selects, states.

**Understanding:** comprehends, converts, defends, distinguishes, estimates, explains, extends, generalizes, gives an example, infers, interprets, paraphrases, predicts, rewrites, summarizes, translates.

**Applying:** applies, changes, computes, constructs, demonstrates, discovers, manipulates, modifies, operates, predicts, prepares, produces, relates, shows, solves, uses.

**Analyzing:** analyzes, breaks down, compares, contrasts, diagrams, deconstructs, differentiates, discriminates, distinguishes, identifies, illustrates, infers, outlines, relates, selects, separates.

**Evaluating:** appraises, compares, concludes, contrasts, criticizes, critiques, defends, describes, discriminates, evaluates, explains, interprets, justifies, relates, summarizes, supports.

**Creating:** categorizes, combines, compiles, composes, creates, devises, designs, explains, generates, modifies, organizes, plans, rearranges, reconstructs, relates, reorganizes, revises, rewrites, summarizes, tells, writes.

#### Key verbs for affective domain in writing learning outcomes and competences:

**Receiving Phenomena:** asks, chooses, describes, follows, gives, holds, identifies, locates, names, points to, selects, sits, erects, replies, uses.

**Responding to Phenomena:** answers, assists, aids, complies, conforms, discusses, greets, helps, labels, performs, practices, presents, reads, recites, reports, selects, tells, writes.

**Valuing:** completes, demonstrates, differentiates, explains, follows, forms, initiates, invites, joins, justifies, proposes, reads, reports, selects, shares, studies, works.

**Organizing:** adheres, alters, arranges, combines, compares, completes, defends, explains, formulates, generalizes, identifies, integrates, modifies, orders, organizes, prepares, relates, synthesizes.

**Internalizing values:** acts, discriminates, displays, influences, listens, modifies, performs, practices, proposes, qualifies, questions, revises, serves, solves, verifies.