

School/Faculty/Institute	Faculty of Arts, Design and Architecture		
Program	B. Arch. in Architecture	Required	
Semester	Spring		

Course Code	ARC 122		
Course Title in English	Architectural History & Theory 1		
Course Title in Turkish	Mimarlık Tarihi ve Teorisi 1		
Language of Instruction	English		
Type of Course	Lecture		
Level of Course	Undergraduate		
Semester	Fall		
Contact Hours per Week	Lecture: 2	Recitation:	Lab: Other:
Estimated Student Workload	80 hours per semester.		
Number of Credits	3 ECTS		
Grading Mode	Standard Letter Grade		
Pre-requisites	None		
Expected Prior Knowledge	None		
Co-requisites	None		
Registration Restrictions	Only Undergraduate Students		
Overall Educational Objective	<p>The aim of this course is to discuss the basic concepts in architecture in the form of a cultural context. The aim is for students to develop a personal critical stance about concepts that suggest a basic knowledge in architecture, and knowledge of the theories available to create a personal point of view about the historical and theoretical themes in architecture.</p>		
Course Description	<p>Architecture is situated in cultural contexts within which buildings and cities have been produced. These cultural contexts include built works, experiments, designs, and art. Therefore, both history and the theories in which they exist require a critical consideration in architecture. Evaluating them by using the definitions of concepts from different aspects would provide an insight about where architectural mind and thought came from. Tracing the history of architecture's relation with the culture through experiments, built works, designs and art aim to suggest a diverse perspective for students. As well as international contexts, these works and theoretical evaluations in Turkey will be surveyed.</p>		
Course Description in Turkish	<p>Mimarlık; binaların ve kentlerin oluşturduğu bir kültürel bağlam içinde yer alır. Bu kültürel bağlamlar yapı çevreyi, deneyleri, tasarımları ve sanatı içerir. Bu nedenle, bu bilgileri içeren tarih ve teorilerin mimarlıkta eleştirel şekilde ele almak gerekir. Bu bilgilerin farklı açılardan beslenen kavramlarla tanımlanması mimari akıl ve düşüncenin kaynakları konusunda görüş geliştirmemizi sağlar. Mimarlık tarihinin kültür ile bağlantısının izini binalar, deneyler, tasarımlar ve sanat ile sürmek öğrencilere farklı bakış açılarını önermeyi amaçlamaktadır. Uluslararası çalışmalar kadar Türkiye'deki çalışmalar ve bunların teorik değerlendirmeleri incelenecektir.</p>		
Course Learning Outcomes and Competences	<p>Upon successful completion of the course, the learner is expected to be able to:</p> <ol style="list-style-type: none"> 1. Discuss the fundamental concepts of architecture through the built works and experiments both in art and architecture. 2. To learn the definitions, differences and common aspects of these concepts in architecture at different periods and from different points of views. 		

3. Analyze architectural works and thoughts through encompassing concepts.
4. Evaluate the definitions of concepts as fruitful sources and discuss architecture history and theories from different points of views.
5. Learn from design strategies in architecture history and theory to support the student's design abilities.
6. Develop a personal critical stance and knowledge of architecture history and theory.

Relation to Program Outcomes and Competences: N=None S=Supportive H=Highly Related

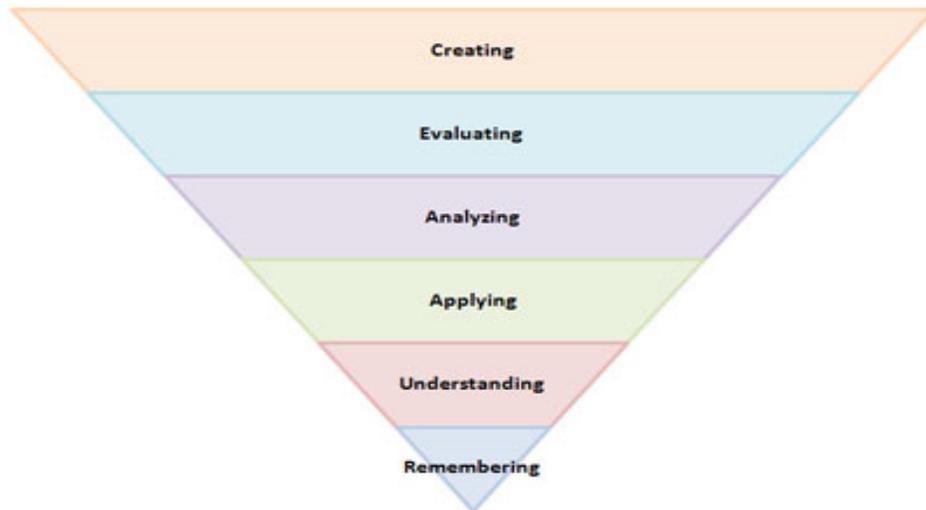
Program Outcomes and Competences	Level N/S/H	Assessed by Exam, HW, Seminar.
1. Ability to read, write and speak effectively in Turkish and English, equivalent to a B2 European Language Passport Level in English.	S	
2. Ability to question and interpret ideas considering diverse points of view; gather and use data, develop concepts related to people, places and the environment, and make individual decisions.	H	HW, Seminar
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	HW
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.	H	HW
6. Understanding 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	HW
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.	S	HW
8. Understanding the role of applied research in determining function, form and systems and their impact on human conditions and behavior.	H	
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.	S	HW
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.	S	
12. Understanding 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.	S	HW
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 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	HW
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.	N	
17. Understanding the responsibility of the architect to organize and lead design and construction processes considering the environmental, social and aesthetic issues of the society.	S	
18. Understanding 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	HW
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	HW
20. Understanding 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	

Name of Instructor	Yrd. Doç. Dr. Bahar Beşlioğlu	
Course Contents	Week	Topic
	1.	Discuss the concepts "construction / structure / on-site" in architecture
	2.	Discuss the concepts "program / function / use / type" in architecture
	3.	Discuss the concepts "personal space / public space / urban space" in architecture
	4.	Discuss the concepts "solid / void / fluid" in architecture
	5.	Discuss the concepts "mobile / temporary / dynamic" in architecture
	6.	Discuss the concepts "surface / interface / slope / ledge" in architecture
	7.	Discuss the concepts "permeable / semi-permeable / non-permeable juxtaposition / intersection / transition" in architecture
	8.	Discuss the concepts "sense / mind / make material / immaterial" in architecture
	9.	Mid-term
	10.	Discuss the concepts "existing / imagery /mapping real / virtual" in architecture
	11.	Discuss the concepts "hybrid / singular individual / multiple" in architecture
	12.	Discuss the concepts "organic / fabric rigid / plastic" in architecture
	13.	Holiday
14.	Discuss the concepts "ground / background / underground / over-ground lightness / heaviness" in architecture	
Required/Recommended Readings	<p>Recommended Reading: Kruft, H.W., 1994. "A history of architectural theory: from Vitruvius to the present", Princeton Architectural Press.</p> <p><i>Required readings for each week will be posted on Blackboard.</i></p>	
Teaching Methods	The course will have presentations by the instructor as well as extensive discussion by the class. The course follows the 'Flipped classroom' model, with all the presentations pre-recorded and available to the students prior to class.	
Homework and Projects	Seminar	
Laboratory Work	-	
Computer Use	Yes	
Other Activities		
Assessment Methods	1. Seminar: 40 points 2. Contribution to discussions, class work: 20 points 3. Final Exam: 40 points	
Course Administration	Office: Bahar Beşlioğlu: Block A, Room Email: beslioglu.bahar@mef.edu.tr Attendance is essential for this course. The students are responsible of watching the presentations in advance, as well as follow the instructions in each presentation and come prepared to class. Most of the class time will be allocated to discussion of concepts, ideas, approaches as well as individual works. Thus, student participation is essential for the success of the course.	

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	2	1	56	$A*(B+C+D)$
Lab etc.					0		
Midterm(s)	1	4	2		6	$A*(B+C+D)$	
Assingment, Project, Presentation	1	8			8	$A*(B+C+D)$	
Final Examination	1	8	2		10	$A*(B+C+D)$	
Total Workload					80		
Total Workload/25					3,2		
ECTS					3		

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.