



## ECTS COURSE INFORMATION FORM

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

Course Code	ARC 221
Course Title in English	Architectural History and Theory II
Course Title in Turkish	Mimarlık Tarihi ve Teorisi II
Language of Instruction	English
Type of Course	Flipped Learning, Lecture
Level of Course	Undergraduate
Semester	Fall
Contact Hours per Week	Lecture: 2      Discussion: 1      Lab:      Studio:
Estimated Student Workload	125 hours per semester.
Number of Credits	5 ECTS
Grading Mode	Standard Letter Grade
Pre-requisites	None
Expected Prior Knowledge	None
Co-requisites	None
Registration Restrictions	Only Undergraduate Students
Overall Educational Objectives	<b>To foster cultural awareness* and a holistic approach towards architecture by examining artistic and architectural works in various geographic and cultural contexts</b>  <i>* Cultural Awareness is the ability to discern the interdependence of local and transnational political, social, economic, artistic and cultural networks in the context of their aesthetic and historical importance.</i>
Course Description	This course is the second of a series of architectural history and theory courses. It offers a chronological and a comparative overview of the history of architectural culture that developed in various parts of the world, from the pre-historic era to 15th century.
Course Description in Turkish	Bu ders mimarlık tarihi ve teorisi derslerinin ikincisidir. Tarih öncesi çağlardan 15.yüzyıla kadar, dünyanın farklı bölgelerinde ortaya çıkan ve gelişen mimarlık kültürlerini kronolojik ve karşılaştırmalı bir bakış açısı ile yaklaşılarak inceler.
Course Learning Outcomes and Competences	Upon successful completion of the course, the learner is expected to be able to: 1) understand that architecture is a sophisticated phenomenon with political, social, economical, and structural dimensions; 2) discern stylistic differences among the "major" architectural cultures; 3) recognize iconic buildings of architectural history; 4) identify the differences of materials and structures in forming space; 5) express oneself and perform basics of writing on architecture.
Relation to Program Outcomes and Competences:	<b>N=None      S=Supportive      H=Highly Related</b>

<b>Program Outcomes and Competences</b>	<b>Level</b>	<b>Assessed by</b>
	N/S/H	Reviews, HW, Assignment.
1. Ability to read, write and speak effectively in Turkish and English, equivalent to a B2 European Language Passport Level in English.	<b>S</b>	Student presentations
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.	<b>H</b>	
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.	<b>H</b>	Sketchbook, Assignments
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.	<b>S</b>	
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.	<b>H</b>	Sketchbook, Assignments
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.	<b>H</b>	Sketchbook, Assignments
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.	<b>N</b>	
8. Understanding the role of applied research in determining function, form and systems and their impact on human conditions and behavior.	<b>S</b>	
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.	<b>N</b>	
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.	<b>N</b>	
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.	<b>N</b>	
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.	<b>S</b>	
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.	<b>N</b>	
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.	<b>N</b>	
15. Ability to choose appropriate materials, products and components in the implementation of design building envelope systems.	<b>N</b>	
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.	<b>N</b>	
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.	<b>S</b>	
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.	<b>N</b>	
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.	<b>S</b>	

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
<b>Prepared by and Date</b>	İrem Korkmaz 09.03.2020	
<b>Semester</b>	Fall 2019-2020	
<b>Name of Instructor</b>	Assoc. Dr. A.Hilal UGURLU	
<b>Course Contents</b>	<b>Week</b>	<b>Topic</b>
	1.	Introduction – Pre-historic architecture, Indus Valley Civilizations
	2.	Mesopotamian & Egyptian Civilizations
	3.	Persian & Greek Civilizations
	4.	Hellenistic Greek & Roman Architecture
	5.	Roman Architecture
	6.	Eastern Roman Architecture
	7.	WORKSHOP WEEK
	8.	Fall of the Western Roman Empire, Rise of Islam
	9.	Carolingian Revival & Abbasid Architecture
	10.	Romanesque Arch. & Tulunid, Fatimid, Seljuks, Ayyubids
	11.	Mongols, İlkhaniids
	12.	Mamluks, Early Ottoman Arch.
	13.	Late Byzantine, Gothic
	14.	Revision
	15.	Final Examination Period
	16.	Final Examination Period
<b>Required/Recommended Readings</b>	<b>Recommended Reading:</b> Leach, Andrew, <i>What is Architectural History?</i> , 2010, pp. 41-74. Jarzombek, Mark, <i>Architecture of First Societies</i> , 2013, pp. 79-88 and pp. 263-273. Gates, Charles, <i>Ancient Cities</i> , 2011, pp. 30-36 and pp. 70-79. Brewer, J. Douglas & Teeter, Emily, <i>Egypt and Egyptians</i> , 2007, pp. 60-78. Carmelo G. Malacrino, <i>Constructing the Ancient World</i> , 2010, pp. 77-110. Jenkins, Ian, <i>Greek Architecture and Sculpture</i> , 2006, pp. 32-45. Jones, Mark Wilson, <i>Principles of Roman Architecture</i> , 2003. Adam, Jean-Pierre, <i>Roman Building Materials and Techniques</i> , 2003, pp. 243-318 and 319-400. Stephenson, David, <i>Heavenly Vaults: From Romanesque to Gothic</i> , 2009. Ettinghausen & Grabar, Oleg, <i>The Art and Architecture of Islam 650-1250</i> , pp. 5-16 and 37-54. Shelia, Canby, <i>Safavid Art and Architecture</i> , 2002. Harle, J. C., <i>The Art and Architecture of the Indian Subcontinent Nov.</i> Kuran, Aptullah "Anatolian-Seljuk Architecture," in <i>The Art and Architecture of Turkey</i> , ed. E. Akurgal, pp. 80-110. Blair, Shelia S. & Bloom, M. Jonathan, <i>The Art and Architecture of Islam</i> , 1995, pp. 70-96 and 132-145.	
<b>Teaching Methods</b>	Lecture Discussions Student presentations	
<b>Homework and Projects</b>	1 student presentation, 14 review sketches submission	
<b>Laboratory Work</b>	-	
<b>Computer Use</b>	No	
<b>Other Activities</b>	Readings, Research	
<b>Assessment Methods</b>	Performance in class: 20 points Sketch submissions: 50 points Student presentation: 30 points	
<b>Course Administration</b>	Office: Block A, A. Hilal Uğurlu 506 Email: ugurlua@mef.edu.tr Student participation is essential for this lecture course. Student presentations and the weekly sketch submissions are crucial elements in the final grade. Late submissions will not be accepted.	

**80% attendance is compulsory for a successful outcome. Academic Dishonesty and Plagiarism: YÖK Disciplinary Regulation.**

**ECTS  
Student  
Workload  
Estimation**

Activity	Weeks per Semester (A)	Hours			Calculation	Explanation
		Spending for the Activity (B)	Spending on the Activity Itself (C)	Spending on the Activity Required		
Lecture	14	2	3	2	98	A*(B+C+D)
Lab etc.					0	
Midterm(s)	0	0	0	0	0	A*(B+C+D)
Project, Presentation	1	24	1	0	25	A*(B+C+D)
Final Assignment	1	1	1	0	2	A*(B+C+D)
<b>Total Workload</b>					125	
Workload/25					5	
ECTS					5	