

School/Faculty/Institute	Faculty of Arts, Design and Architecture		
Program	B. Arch. in Architecture	Required	
Semester	Fall2016-2017		

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	Lecture		
Level of Course	Undergraduate		
Semester	Fall		
Contact Hours per Week	Lecture: 2	Discussion: 1	Lab: Studio:
Estimated Student Workload	116 hours per semester.		
Number of Credits	5 ECTS		
Grading Mode	Standard Letter Grade		
Pre-requisites	A		
Expected Prior Knowledge	None		
Co-requisites	None		
Registration Restrictions	Only Undergraduate Students		
Overall Educational Objective	The course is the second course in the series of architectural history and theory courses. It is one of the two survey courses in the series in which students will have critical overview of major styles and periods from pre-historic art to Renaissance architecture mainly in the Mediterranean region. Through the survey there will be also opportunities to compare individual structures and to revisit architectural history in contemporary design.		
Course Description	This course offers an overview of the history of architecture, from the first societies to the birth of Islamic architecture in selected geographies. The course approaches the buildings as the products of culture and with particular reference to the special problems of architectural design. Materials and building technologies as well as geographies and periods will provide the framework for the course. The course provides a critical viewpoint for comprehending and appreciating architecture in a comparative perspective.		
Course Description in Turkish	Bu ders mimarlık tarihine ilk topluluklardan İslam mimarisinin doğumuna kadar olan dönemde seçilmiş coğrafyalarda özet bir bakış açısı sağlamaktır. Ders içinde yapılara kültürel ürünler olarak ve mimari tasarımın kendine özgü problemlerinin perspektifinden bakılacaktır. Coğrafya ve dönemler kadar malzeme ve yapı teknolojileri dersin iskeletini oluşturacaktır. Bu ders mimarlığı karşılaştırmalı olarak anlamak ve değerlendirebilmek için eleştirel bir perspektif kazandıracaktır.		
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 phenomena with political, social, economical, and structural dimensions. 2) discern stylistic differences among the "major" architectural cultures 3) recognize iconic buildings of architectural history 4) recognize the differences of materials and structures in forming space 5) have the basic skills to express himself/herself basics of writing on architecture		
Relation to Program Outcomes and Competences: N=None S=Supportive H=Highly Related			

Program Outcomes and Competences	Level	Assessed by
	N/S/H	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	
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.	H	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.	S	
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	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.	H	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.	N	
8. Understanding the role of applied research in determining function, form and systems and their impact on human conditions and behavior.	S	
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.	S	
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 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	
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.	N	
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 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.	N	
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 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	Asst. Prof. Dr. Ahmet Sezgin	

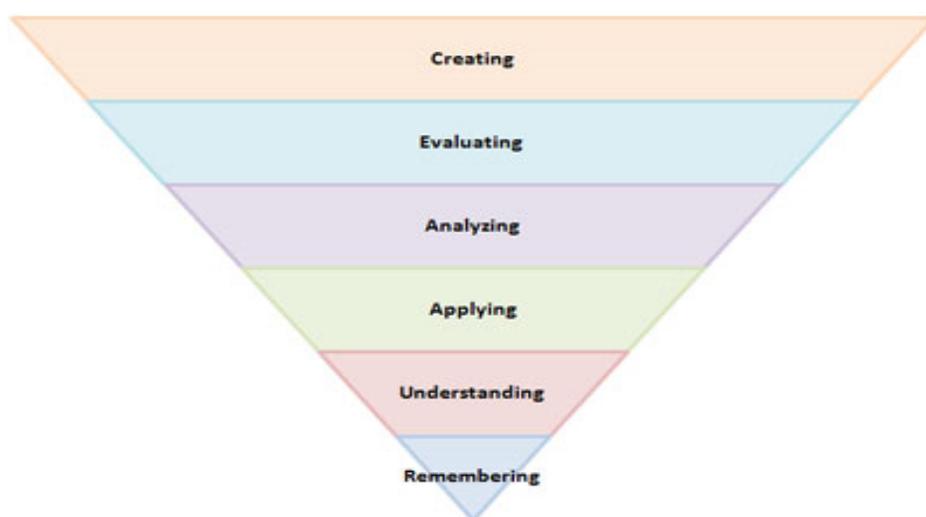
Course Contents	Week	Topic
	1.	Introduction
	2.	Romanesque and Gothic
	3.	A Palatial and residential arch in "Islamic" cities
	4.	Middle Ages in Italy
	5.	
	6.	Renaissance
	7.	St. Pietro in Rome
	8.	Workshop week
	9.	Discussion through draft posters
	10.	Baroque architecture
	11.	Baroque outside Rome
	12.	Baroque and Eclectic in Islamic World
	13.	Excursion
	14.	A Comparative Perspective through posters
Required/Recommended Readings	Recommended Reading: Toman, Rolf, Romanesque: Architecture, Sculpture, Painting, 2015. Toman, Rolf, Gothic Architecture, 2011. Hamadeh, Shirine Splash and Spectacle: The Obsession with Fountains in Eighteenth-Century Istanbul, in Muqarnas: An Annual on the Visual Culture of the Islamic World, XIX, 123-148 Kuban, Doğan, Ottoman Architecture, 2010.	
Teaching Methods	As one of the survey courses in the series of architectural history and theory courses, This course will base on lectures about main architectural styles, periods and geographies. Although most class sessions will take the format of lectures, students will be always encouraged to bring their questions and doubts to initiate discussions. Each week one hour after the lecture will be entirely devoted to discussion.	
Homework and Projects	Sketchbook, assignments, readings	
Laboratory Work	-	
Computer Use	Yes	
Other Activities	Excursions	
Assessment Methods	1. Sketchbook: 35 points 2. Assignment: 35 points 3. Quizzes: 20 points 4. Attendance: 10 points	
Course Administration	Office: Ahmet Sezgin, Block A, Floor5, Email: sezginah@mef.edu.tr Student participation will be essential for the course. Attending both submissions including the Final Submission of the assignment are crucial elements in the final grade. Late submissions will not be accepted. 80% attendance is compulsory for a successful outcome.	

ASSESSMENT METHODS AND CRITERIA			ECTS / WORKLOAD			
Semester Requirements	Number	Percentage of Grade (%)	Activities	Number	Duration (hours)	Total Workload
Attendance / Participation	1	10	Course Hours (Including Exam Week)	14	3	42
Laboratory			Laboratory			
Practice / Exercise			Practice / Exercise			
Field Work			Field Work			
Sketchbook(Final and two draft submissions)	3	35	Project	3	6	18
Homework (group) assignments	2		Homework Assignments	2	2	4
Presentation / Jury			Preparation for Presentation / Jury			
Course Specific Internship			Course Specific Internship			

Other Practices (Seminar, Studio Crits, Workshop, etc.)			Other Practices (Seminar, Studio Crits, Workshop, etc.)			
Extra-Class Activities (Reading, Individual Work, etc.)	10		Extra-Class Activities (Reading, Individual Work, etc.)	10	2	20
Mid-Terms / Oral Exams / Quizzes	4	20	Mid-Terms / Oral Exams / Quizzes (Exam Hours and Preparation)	4	2	8
Major assignment (video) (drafts and final submissions)	3	35	Final Exam (Exam Hours and Preparation)	3	8	24
TOTAL		%100	TOTAL WORKLOAD			116 Hours 5 ECTS
1 ECTS = 25 hours workload						

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.