ECTS COURSE INFORMATION FORM

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

Course Code	**ARC 222**			
Course Title in English	**Architectural History and Theory III**			
Course Title in Turkish	**Mimarlık Tarihi ve Teorisi III**			
Language of Instruction	**English**			
Type of Course	**Lecture**			
Level of Course	**Undergraduate**			
Semester	**Spring**			
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	**None**			
Expected Prior Knowledge	**None**			
Co-requisites	**None**			
Registration Restrictions	**Only Undergraduate Students**			
Overall Educational Objective	**To have critical overview of major styles and periods from Renaissance to early-modern architecture mainly in the Mediterranean region and to learn 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 Renaissance to the early modern period 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 Rönesans'tan erken modern döneme kadar 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 phenomenon with political, social, economic, and structural dimensions;** **2. discern stylistic differences among the "major" architectural cultures;** **3. recognize iconic buildings of architectural history;** **4. differentiate materials and structures in forming space;** **5. express oneself with 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	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	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	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	S	

addition to the ability to act with social responsibility in global and local scales that contribute to the well being of the society.		
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**	

Prepared by and Date	**İrem Korkmaz 10.03.2020**	
Semester	**Spring 2019 - 2020**	
Name of Instructor	**Assoc. Prof. Dr. A.Hilal Uğurlu**	
Course Contents	**Week**	**Topic**
	1.	**Introduction, Setting the stage for 15th century**
	2.	**The story of the Ottomans: From a State to an Empire**
	3.	**Renaissance Art & Architecture**
	4.	**Late Renaissance Art & Architecture**
	5.	**Gunpowder Empires in the 17th century: Ottomans**
	6.	**Gunpowder Empires in the 17th century: Safavids**
	7.	**Gunpowder Empires in the 17th century: Mughals**
	8.	**Art & Architecture of counter reformation: Baroque (Italy & France)**
	9.	**The Age of Reason: Enlightenment - 18th century Istanbul: Ottoman Baroque**
	10.	**Industrial Revolution and its aftermath**
	11.	**Age of Revolutions**
	12.	**New Styles for the new age: Art Nouveau, Art Deco**
	13.	**First skyscrapers: Newyork & Chicago**
	14.	**19th century İstanbul**
	15.	**Final Examination Period**
	16.	**Final Examination Period**
Required/Recommended Readings	**Recommended Reading:** **Gülru Necipoğlu, "From Byzantine Constantinople to Ottoman Konstantiniyye: Creation of a Cosmopolitan Capital and Visual Culture under Sultan Mehmed II," in From Byzantion to Istanbul: 8000 years of a Capital, (İstanbul: Sabancı University, Sakıp Sabancı Museum, 2010), 262-277.** **Çiğdem Kafesçioğlu, Constantinopolis/Istanbul: Cultural Encounter, Imperial Vision, and the Construction of the Ottoman Capital, (University Park, Pa.: Pennsylvania State University Press, 2009), 16-53.** **Julian Raby, "A Sultan of Paradox: Mehmed the Conqueror as a Patron of the Arts." Oxford Art Journal 5, no. 1(1982): 3-8.** **Henry A. Millon "Models in Renaissance Architecture" in The Renaissance from Brunelleschi to Michelangelo: The Representation of Architecture, eds. H.Millon, V.M.Lampugnani, (Thames and Hudson, 1994), 19-73.** **Alina Payne - Renaissance Urbanism in Encyclopedia of the Renaissance.** **Jay Levenson and Julian Raby, A Papal Elephant in the East: Carthaginians and Ottomans, Jesuits and Japan in New Studies on Old Masters: Essays in Renaissance Art in Honour of Colin Eisler, J. Garton and D. Wolfthal eds, (Toronto: University of Toronto, 2011), 49–67.** **Gülru Necipoğlu, Framing the Gaze in Ottoman, Safavid, and Mughal Palaces, Ars Orientalis, Vol. 23, Pre-Modern Islamic Palaces (1993), 303-342.** **Lucienne Thys-Şenocak, The Yeni Valide Mosque Complex at Eminönü, *Muqarnas,* Vol. 15 (1998), pp. 58-70.**	
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	**assignments, readings**
Laboratory Work	**-**
Computer Use	**Yes**
Other Activities	
Assessment Methods	**Student Presentations 15 points** **Handouts 25 points** **Reading questions (Q to A) 35 points (7 readings x 5points)** **Final Assignment 25 points**
Course Administration	**Office: A.Hilal Uğurlu, Block A, Floor5,** **Email: ugurlua@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.** **Academic Dishonesty and Plagiarism: YÖK Disciplinary Regulation.**

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	3	1	70	A*(B+C+D)
Lab etc.					0	
Midterm(s)					0	A*(B+C+D)
Assingment, Project, Presentation	14	1	1	1	42	A*(B+C+D)
Final Examination	1			4	4	A*(B+C+D)
Total Workload					116	
Total Workload/25					4,64	
ECTS					5	