ECTS COURSE INFORMATION FORM

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

Course Code	**ARC 321**			
Course Title in English	**Architectural History and Theory IV**			
Course Title in Turkish	**Mimarlık Tarihi ve Kuramı IV**			
Language of Instruction	**English**			
Type of Course	**Lecture**			
Level of Course	**Undergraduate**			
Semester	**Fall**			
Contact Hours per Week	**Lecture: 3**	**Discussion: 1**	**Lab:**	**Studio:**
Estimated Student Workload	**125 hours per semester.**			
Number of Credits	**5 ECTS**			
Grading Mode	**Standard Letter Grade**			
Pre-requisites	**Completion of 60 ECTS**			
Expected Prior Knowledge	**None**			
Co-requisites	**None**			
Registration Restrictions	**Only Undergraduate Students**			
Overall Educational Objectives	To recognize **the development of modern architecture and urbanism, modernism as a style, its discursive foundations and its relations to various contexts, socio-political, economic and technological.**			
Course Description	**This course investigates the architecture and urbanism in the 20th century, with a special emphasis on the discursive foundations of modern architecture and the seminal buildings of the period.**			
Course Description in Turkish	**Bu ders 20. Yüzyıl mimarlık ve kentleşmesini modern mimarlığın söylemsel temelleri ve dönemin önemli yapılarına odaklanarak inceler.**			
Course Learning Outcomes and Competences	Upon successful completion of the course, the learner is expected to be able to: 1. to understand architecture and urban planning from the 20th century to the present; 2. to understand built examples in relation to contemporaneous discursive productions on architecture and urbanism; 3. to analyze the connections between the built environment and the social, cultural, technological and political contexts that produced it; 4. to analyze and interpret basic theoretical texts on architecture and urbanism; 5. to evaluate architectural and urban environments.			

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**	HW, Seminar

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, Seminar
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, Seminar
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, Seminar
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.	**N**	
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 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.	**N**	
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 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.	**N**	
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 30.07.2020	
Semester	Fall 2019-2020	
Name of Instructor	Prof. Dr. Şebnem Yücel	
Course Contents	Week	Topic
	1.	Introduction
	2.	IN WHAT STYLE SHOULD WE BUILT?
	3.	NEW CONCEPTIONS OF SPACE
	4.	MASS PRODUCTION AND AESTHETICS

	5.	TOWARDS A NEW ARCHITECTURE
	6.	AMERICAN EXPERIENCE
	7.	WORKSHOP WEEK
	8.	MODERN/ANTI-MODERN DURING WWII
	9.	HOUSING QUESTION
	10.	MODERN APPROACHES TO THE CITY
	11.	FROM EXPRESSIVE TO MONUMENTAL
	12.	END OF MODERN ?
	13.	STUDENT PRESENTATIONS
	14.	Revision
	15.	Final Examination Period
	16.	Final Examination Period

Required/Recommended Readings	Recommended- -Readings: Conrads, U., Programs and Manifestoes on 20th century Architecture, MIT Press, 1970. Colquhoun, A., Modern Architecture, Oxford University Press, 2002. -Movies & Documentaries: Freidrichs, C., The Pruitt-Igoe Myth, USA, 2011. Lang, F., Metropolis, Germany, 1927. Tati, J., Mon Oncle, France, 1958.
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 questions and readings shared before classes take place.
Homework and Projects	A group presentation ; worksheets from the readings and movies, 1 Final submission
Laboratory Work	-
Computer Use	
Other Activities	
Assessment Methods	1. Online and in-class classwork (including quizes) 30 points 2. Logbook 20 points 3. Presentation 10 points 4. Final submission: 30 points
Course Administration	Office: 527 Email:yucelse@mef.edu.tr Attendance is essential for this course. The students are responsible of watching the presentations or make the readings 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. Late submissions will not be accepted. 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	2	3	1	84	A*(B+C+D)
Lab etc.					0	
Midterm(s)	0	0	2	0	0	A*(B+C+D)
Assingment, Project, Presentation	6	2	0	0	12	A*(B+C+D)
Final Assignment	1	20	0	0	20	A*(B+C+D)
Total Workload					116	
Total Workload/25					4,64	
ECTS					**5**	