

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

Course Code	ARC 425			
Course Title in English	Evolution of the City: Dreams of the Past, Realities of the Present, Dangers of the Future			
Course Title in Turkish	Kentin Evrimi: Geçmişin Hayalleri, Bugünün Gerçekleri, Geleceğin Tehlikeleri			
Language of Instruction	English			
Type of Course	Flipped Classroom			
Level of Course	Undergraduate			
Semester	Spring			
Contact Hours per Week	Lecture: 3	Recitation:	Lab:	Studio:
Estimated Student Workload	115 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 comprehend the roots and the evolution of the concept "city" throughout the ages and analyze its dialectical relationship with nature and humankind.			
Course Description	In this course, the dynamics/factors/variables which shape our cities, man made or natural, will be scrutinized and determined, while the counter effects of our evolving cities which operate as " <i>interfaces between the administrative/military/economic powers and the public</i> " and continue to shape our society will be tracked simultaneously. The determination of the variables which contribute/contributed to the equations shaping contemporary and historical urban geographies will provide a foundation of our imagining of future cities. Differences and similarities between urban geographies from different ages and localities will be used as a guideline for the students, who are expected to found an imaginary ancient settlement and evolve it as the course progresses using their sketchbooks and all kinds of media.			
Course Description in Turkish	Ders kapsamında, kentlerimizi şekillendiren insan yapımı veya doğal dinamikler, etkiler, değişkenler irdelenecek ve tespit edilecektir. Aynı esnada, bu etkiler altında evrimleşen kentlerin, yönetsel, askeri veya ekonomik güçlerle toplum arasında konumlanmış birer arayüz olarak, toplum ve insanlık üzerindeki dönüştürücü etkileri takip edilecektir. Günümüz ve tarihi kent coğrafyalarının şekillenmesine katkıda bulunan bu değişkenlerin tespiti, bize kentlerin geleceğini tasavvur etmemiz için temel oluşturacaktır. Farklı tarihlerin, farklı yörelerin kentsel coğrafyaları arasındaki benzerlik ve ayrımlar, kendi kurgusal yerleşimlerini kurup, dönem boyunca evrimleştirmeleri beklenen öğrenciler için kılavuz işlevi görecektir.			
Course Learning Outcomes and Competences	Upon successful completion of the course, the learner is expected to be able to:			
	<ol style="list-style-type: none"> 1. understand the close relationship between our physical environment and social dynamics throughout history; 2. determine the underlying variables that shape our societies and cities; 3. recognize the effects of changes in production methods, belief systems and power; struggles on our cities' physical and psychological topographies throughout history; 			

4. imagine the future of our cities based on contemporary social and environmental data.

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

Program Outcomes and Competences	Level N/S/H	Assessed by
		Exam, Project, HW, Lab, Presentation, etc.
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, Project, Discussions
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.	S	HW, Project, Presentations
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.	S	
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, Project, Presentations, Discussions
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.	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	
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.	N	
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	N	

safety; accessibility, preservation, building codes and regulations as well as user rights.		
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 11.03.2020	
Semester	Spring 2019-2020	
Name of Instructor	Çağrı Küçükay	
Course Contents	Wee k	Topic
	1.	Inside & Outside / Borders & Walls Meaning of Space / Production of Territory The Roots & Idea of the City
	2.	Humanity's Awe of the Heavens (Göbeklitepe) The Neolithic Revolution Proto-Cities (Jericho-Çatalhöyük-Eridu)
	3.	Urbanization in the Pre-Industrial Era I
	4.	Urbanization in the Pre-Industrial Era II
	5.	Urbanization in the Industrial Era I
	6.	Urbanization in the Industrial Era II
	7.	Urbanization in the Industrial Era III
	8.	Urbanization in the Post-Industrial Era I
	9.	Urbanization in the Post-Industrial Era II
	10.	Contemporary Urban Geographies / Fragmented Cities
	11.	Contemporary Urban Geographies / Cities as Battleground
	12.	Contemporary Urban Geographies / Nature vs Cities
	13.	Imagining Urban Futures I
	14.	Imagining Urban Futures II
	15.	Final Examination Period
	16.	Final Examination Period
Required/Recommended Readings	Recommended Readings: Norwich, J.J. (2014) Cities That Shaped the Ancient World, Thames & Hudson Norberg-Schulz, C. (1988) Architecture: Meaning and Space, Rizzoli International Publ. Soja, E.W. (2000) Postmetropolis: Critical Studies of Cities and Regions, Blackwell Press Bauman, Z. (1998) Globalization: The Human Consequences, Columbia University Press Picon, A. (2010) Digital Culture in Architecture, Princeton University Press Fitzpatrick, J. (2009) The Idea of the City: Early-Modern, Modern and Post-Modern Locations and Communities, Cambridge Scholars Publ. Koonings, K., Kruijt, D. (ed) (2007) Fractured Cities: Social Exclusion, Urban Violence and Contested Spaces, Zed Books Ltd. Sorkin, M. (ed) (2005) Against the Wall, The New Press <i>Required readings for weekly discussions will be posted on Blackboard.</i>	
Teaching Methods	Slideshow, movie, discussion and reading.	
Homework and Projects	Sketchbook Assignments, Pre-Lecture Preparation, Final Presentation	
Laboratory Work	-	
Computer Use	Yes	
Other Activities	-	

Assessment Methods	1. Performance in course: 25 points 2. Assignments: 25 points 3. Assessments on Blackboard 15 points 4. Final Presentation: 35 points
Course Administration	Email: kucukayc@mef.edu.tr Attendance is essential for this course. 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	3	5	3	2	30	A*(B+C+D)
	Final Presentation	1	8	3	4	15	A*(B+C+D)
	Total Workload					115	
	Total Workload/25					4,6	
	ECTS					5	