



## ECTS COURSE INFORMATION FORM

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

Course Code	ARC 342
Course Title in English	City Design
Course Title in Turkish	Kentsel Tasarım
Language of Instruction	English
Type of Course	Lecture
Level of Course	Undergraduate
Semester	Spring
Contact Hours per Week	Lecture: 3      Recitation:      Lab:      Studio: 12
Estimated Student Workload	126 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 Objective	To familiarize with historical as well as contemporary concepts of urban design
Course Description	This course provides students with an advanced knowledge about the history and theory of urban form with a specific emphasis on urban morphology. The course examines urban principles through the investigation of a variety cities' urban history. Urban design approaches will be discussed through lectures, readings, and seminars including historical change in urban form and design. It focuses on ideas, principles and designs that have shaped the history, theory and practice of urban design. The course will highlight fundamentals of shaping and composing cities and the main elements of urbanism - the neighborhood, the block, the square, the street and the building. The course is organized in the manner that students are able to analyze urban schemes from various periods as well as apply that knowledge in urban scale projects in their studio projects.
Course Description in Turkish	Bu ders öğrencilere kentsel tasarım ve planlama tarihi ve kuramları ile ilgili kentsel morfoloji odaklı ileri düzeyde bilgi iletmeyi amaçlar. Ders kentsel tasarım prensiplerini farklı şehirlerin tarihlerini inceleyerek tartışır. Kentsel tasarım ve planlama prensipleri ile kentsel biçim ve tasarımın tarihsel değişimi dersler, okumalar ve seminerler aracılığı ile tartışılır. Ders, kentsel tasarım tarihi, kuramı ve pratiğini değiştiren düşünce, prensip ve tasarımlara odaklanır. Ders, mahalle, yapı adası, meydan, sokak ve yapı gibi şehirleri oluşturma ve tasarlanmanın temel prensiplerini ve bileşenlerini vurgular.
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"><li>1. understand urban history, theory, urban form of urban design at the scale of building types, and of the translation of these into regulating instruments, such as urban codes;</li><li>2. identify main elements of urbanism, those that compose and shape</li></ol>

**cities and to suggest most appropriate ways to resolve multi-dimensional urban problems in different contexts and scales;**  
**3. evaluate the thought and design process behind certain urban forms;**  
**4. distinguish historical roots of urban design, criticisms of modern planning and design, concepts of space and place, urban sustainability issues, and urban design practice;**  
**5. analyze critically the dynamic forces and processes that are associated with urbanism, and pursue such urban design and city planning solutions for sustainable urban growth and development as future designers.**

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

<b>Program Outcomes and Competences</b>	<b>Level N/S/H</b>	<b>Assessed by Exam, HW, Seminar</b>
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>	
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>	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.	<b>N</b>	
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>	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.	<b>H</b>	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.	<b>S</b>	
8. Understanding the role of applied research in determining function, form and systems and their impact on human conditions and behavior.	<b>N</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>S</b>	HW, seminar
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>N</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>S</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.	N	
18. Understanding the legal 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.	H	
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>	<b>İrem Korkmaz 10.03.2020</b>	
<b>Semester</b>	<b>Spring 2019-2020</b>	
<b>Name of Instructor</b>	<b>Prof. Dr. Arda Inceoğlu</b>	
<b>Course Contents</b>	<b>Week</b>	<b>Topic</b>
	1.	Introduction
	2.	Colonization and city form
	3.	City of cities
	4.	Mediterranean
	5.	Three giants: London 1
	6.	Three giants: London 2
	7.	Three giants: Paris
	8.	Three giants: Berlin 1
	9.	Three giants: Berlin 2
	10.	North America 1: New York; Boston; Chicago
	11.	North America 2: Urban sprawl
	12.	Asia
	13.	Ideal City
	14.	Future of cities
	15.	Final Examination Period
	16.	Final Examination Period
<b>Required/Recommended Readings</b>	<p><b>Recommended Reading:</b>  Anderson, Stanford. <i>On Streets</i>. MIT Press, Cambridge, 1982  Bacon, Edmund N. <i>Design of Cities</i>. New York: Penguin Books, 1976  Benevolo, Leonardo. <i>History of the City</i>. Cambridge, Mass. : MIT Press, 1980  Benevolo, Leonardo. <i>The Origins of Modern Town Planning</i>. MIT Press, Cambridge, 1971  Hall, Peter. <i>Cities of Tomorrow</i>. Basil Blackwell, Oxford, 1988  Hall, Thomas. <i>Planning Europe's capital cities: aspects of nineteenth century urban development</i>. London ; New York : Routledge, 2010  Harvey, David. <i>Paris, The Capital of Modernity</i>. New York: Routledge, 2003  Jacobs, Jane. <i>Death and Life of Great American Cities</i>. New York, Modern Library, 1969  Katz, Peter. <i>The New Urbanism</i>. New York: McGraw-Hill, c1994  Koolhaas, Rem. <i>Delirious New York</i>. Monacelli Press, New York. 1978  Mumford, Lewis; March, Lionel. <i>Urban space and structures</i>. London, Cambridge University Press, 1972  Morris, A E J. <i>History of Urban Form</i>. New York: Prentice Hall; 1994  Mumford, Lewis. <i>The City in History</i>. Harmondsworth, Eng. : Penguin Books, 1966  Panerai, Philippe. <i>Urban Forms: The Death and Life of the Urban Block</i>. Boston: Architectural Rapoport, Amos. <i>Human Aspects of Urban Form</i>. Pergamon Press, New York, 1977  Reps, John W. <i>The Making of Urban America</i>. Princeton University Press, Princeton. 1965  Rossi, Aldo. <i>Architecture of the City</i>. MIT Press, Cambridge, 1982.</p>	
<b>Teaching Methods</b>	The course will have presentations by the instructor as well as extensive discussion by the class. The course follows the 'Flipped classroom' model, with all the presentations pre-recorded and available to the students prior to class.	

<b>Homework and Projects</b>	<b>6 Homeworks; Seminar</b>
<b>Laboratory Work</b>	-
<b>Computer Use</b>	<b>Yes</b>
<b>Other Activities</b>	
<b>Assessment Methods</b>	<b>1. Homework: 40 points</b> <b>2. Contribution to discussions, class work: 30 points</b> <b>3. Exam: 30 points</b>
<b>Course Administration</b>	<b>Office: Block A, Arda Inceoğlu Room 505</b> <b>Email: <a href="mailto:inceoglua@mef.edu.tr">inceoglua@mef.edu.tr</a></b> <b>Attendance is essential for this course. The students are responsible of watching the presentations 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.</b> <b>Academic Dishonesty and Plagiarism: YÖK Disciplinary Regulation.</b>

<b>ECTS Student Workload Estimation</b>	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	0		0	A*(B+C+D)
	Assingment, Project, Presentation	2	6	2		16	A*(B+C+D)
	Final Assessment	1	25	1		26	A*(B+C+D)
	Total Workload					126	
	Total Workload/25					5,04	
	ECTS					<b>5</b>	