

2019-2020 Spring Term  
**PEM 206E URBAN DESIGN MODULE OUTLINE**

Module Coordinator: Assistant Prof. Dr. Melih Bozkurt  
Module Assistant: Res. Ass. Arzu Güler

**Course Description**

This course teaches the concepts of urban design and space, as well as their definitions. The module identifies the human activities in urban space to understand what inhabitants require for their daily lives, which is significant aspect of the space development. Moreover, this lecture series should develop understanding about the elements of the urban space. Precisely, it discusses relevant examples of urban squares, streets, building groups etc. Furthermore, this module will enhance students understanding on urban space and landscape relations, which is curtail skill for a landscape architect, and identifies the similarities and differences between urban design and urban landscape design. In this module, lecture series will be supported by urban design studio, which will give opportunities to students to test their skill that was developed during lecture series.

**Couse Aims**

This lecture series and following studio work aims;

1. To research the concept of urban space and urban design in terms of man-nature interaction
2. To evaluate human activities and components in urban space
3. Evaluate urban space and landscape relations in terms of human-environment interaction, environment, spatial definitions, cognition and comprehension process
4. To develop understanding about modern urban design concepts
5. To test students' skills, which will be developed during this module, in the "Urban Design Studio"

**Learning Outcomes**

Students taking this module will gain following skills;

1. Evaluate the concept of urban space and urban design.
2. Evaluate the human activity and components in urban space.
3. Organize the landscape relations within urban setting.
4. Evaluate and comprehend human interaction in the urban built environment with its spatial characteristics, environmental stimulus, perception and cognition process.
5. Evaluate square space, square-form-function relations, materials, color, dimensions, mass, voids and cultural effects.
6. Gains skills of recognizing the differences in urban design principles, organic, metric, symmetric and rhythmic design approaches.

## Course Information

**Course Credits and Type:** 2+2 Lectures and Studio both compulsory

**Attendance Requirement:** %80

**Class:**

**Module Coordinator's room:** Asistant Prof. Dr. Melih Bozkurt, 120D.

**Assessment Criteria:**

Activities	Quantity	Effects on Grading %
Midterm Exam	1	%25
Tutorial outcomes (Presentation + Workshop + Urban Design Studio)	1	%35
Final Exam	1	%40

\*Students who fail to meet the specified tutorial requirements and fall below the midterm achievement score are considered to fail to fulfill the final exam requirements. In this case final grade is assigned as "VF".

**References:**

Watson, D., Plattus, A., Shibley, R. (2001) *Time Saver Standarts for Urban Design* McGraw-Hill

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Marion, R. & Greed C., (2001). *Approaching to Urban Design: The Design Process*, Longman, UK.

Moughtin, C., (1996). *Urban Design: Methods & Techiques*, Boston, Arc. Press.

Moughtin, C., (2003). *Urban Design: Street & Square*, Amsterdam, Arc. Press.

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Lang, J., (1994). *Urban Design: The American Experience*, New York: Van Nostrand Reinhold, USA.

Lammel, G., (2000). *Open Spaces in Vienna: A Guide to Contemporary Landcaping*, E&Fn Spon, UK.

Lynch, K., (1959) *The Image of The City*, The MIT Press, USA.

<b>2019-2020 Spring Term</b> <b>PEM 206E URBAN DESIGN &amp; TUTORIALS</b> <b>Assistant Prof. Dr. Melih Bozkurt</b>	
<b>Week 1 : 14<sup>th</sup> February</b>	Preliminary Session about Lecture Series
<b>Week 2 : 21<sup>st</sup> February</b>	Evolution of Public Spaces and Urban Form: History
	Development of urban form from Ancient Greek to Modern Ages.
<b>Week 3: 28<sup>th</sup> February</b>	Developing Understanding about Modern City Concepts
	<i>Presentation: How would you describe the image of the city we live?</i>
<b>Week 4 : 06<sup>th</sup> March</b>	Urban Structure and Morphology: Lynch, Cullen, Alexander etc.
	Urban Form: Typology, scale, urban space, urban mass
<b>Week 5 : 13<sup>th</sup> March</b>	<i>Workshop: Understanding urban structure, form and morphology on maps.</i>
	<i>Urban Structure and Morphological analysis class exercise.</i>
<b>Week 6 : 20<sup>th</sup> March</b>	<i>Presentations: Urban Morphology and Structure workshop results.</i>
<b>Week 7 : 27<sup>th</sup> March</b>	Definition, Objectives and the Process of Urban Design
<b>Week 8 : 03<sup>rd</sup> April</b>	<b>MID-TERM BREAK</b>
<b>Week 9 : 10<sup>th</sup> April</b>	<b>MID-TERM EXAM</b>
<b>Week 10 : 17<sup>th</sup> April</b>	Elements of Urban Design: Neighbourhood Units, Urban Land use, Residential Areas, Street and Boulevard, Square, Open Space, Playgrounds, Stations,
	<i>Tutorial: Identifying neighbourhood unit on projects</i>
<b>Week 11 : 24<sup>th</sup> April</b>	Design Issues & Principles: Site considerations and site analysis; residential density and land use intensity; transportation and Street network, drawing standards; standards Parking, parking lot, parking spaces, standards
	<i>Tutorial: Urban Design Studio</i>
<b>Week 12 : 1<sup>st</sup> May</b>	Public Holiday
<b>Week 13 : 08<sup>th</sup> May</b>	Design and Technical details: universal design , accessibility
	<i>Tutorial: Urban Design Studio</i>
<b>Week 14 : 15<sup>th</sup> May</b>	Urban Design / Urban renewal: The Movie Session
	<i>Tutorial: Urban Design Studio</i>

<b>Week 15 : 22<sup>nd</sup> May</b>	<i>General evaluation of Urban Design Studio</i>