

Istanbul Technical University – Department of Architecture  
MIM 433EE – Infill Problems in Urban Historic Sites 22395  
Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour : Tuesday / 08.30-11.30
Course Room : 105
Course Credit : 3
Course Web Site :

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Course Assistant/s:
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## Course Description

Typologies of buildings, groups of buildings and characteristics of streets, blocks, lots of various examples of historic centers. The main principles and data which must be taken in consideration for the construction of new buildings in dense historic areas. International decisions related to these principles. Discussions on the European and American examples of different important approaches. Studying selected new designs in historic centers of Istanbul and other cities

## Course Structure and Plan

### Course Plan

WEEK	DATE	TOPIC
1	11.02	Introduction
2	18.02	Theoretical background: preservation vs. design
3	25.02	Design approaches for new architecture in historical sites I
4	03.03	Design approaches for new architecture in historical sites II
5	10.03	Design limitations for new architecture in historic urban sites I
6	17.03	Design limitations for new architecture in historic urban sites II
7	24.03	Homework presentations
	<b>31.03</b>	<b>TERM BREAK</b>
8	07.04	Re-use of historical buildings and new additions I
9	14.04	Design in Context/Invited lecturer1
10	21.04	Re-use of Historical Buildings and new additions II / studio work
11	28.04	Invited lecturer2 / studio work
12	05.05	Studio Work
13	12.05	Studio Work
14	17.05	Presentations: term-work

In the second half of the semestre students will work on developing a design approach in a selected historical environment.

## Recommended Readings

- Building in Existing Fabric – Refurbishment, Extensions, New Design, Christian Schittich (ed.), Edition Detail – Institut für international Architekture-Dokumentation GmbH & Co. KG, München, 2003.
- **Ahunbay, Zeynep**, *Tarihi Çevre Koruma ve Restorasyon*, Yapı Yayın, YEM, İstanbul, 2004 (3. Basım) (ISBN 9757438383).
- *Context: New Buildings in Historic Settings*, J. Warren, J. Worthington & S. Taylor (eds), Architectural Press, Oxford, 1998.
- **Doğrusöz, F. Nesli Suda**, *Tarihi ve Özgün Çevrelerde Yeni Yapı Sorunu ve 'Infill' Olgusuna Farklı Yaklaşımlar*, yüksek lisans tezi, İ.T.Ü. Fen Bilimleri Enstitüsü, İstanbul, 1994.
- **Fischer, Alfred**, *New Life in Old Buildings*, Karl Kraemer Verlag, Stuttgart & Zurich, 1992.
- **Gozzola, Pietro**, *The Past in the Future*, ICCROM, Rome, 1975 (1969).
- **Highfield, David**, *The Construction of New Buildings Behind Historic Façades*, 1st ed., Spon, London, 1991.
- **Kanat, İdil**, *Tarihi Çevrede Yeni Yapılaşma Uygulamalarının İrdelenmesi*, Eylül 2007, MSGSU FBE yayınlanmamış yüksek lisans tezi
- **Okuy, İsmet**, *Fransa'da Kentsel Sit Alanlarının Korunması – Malraux Yasası*, Yapı Endüstri Merkezi Yayınları, İstanbul, 2001.
- **Pearce, David**, *Conservation Today*, Routledge, London and New York, 1989 (ISBN 0415039142). *Pilot Restoration Projects Istanbul*, Z. Ahunbay (ed.), The Turkish National Commission for UNESCO, Ankara, 1998. *Reweaving the Urban Fabric: Approaches to Infill Housing: Essays*, Ghislaine Hermanuz, Marta Gutman, Richard Plunz (eds), Peter Marcuse (intro), New York State Council on the Arts, New York, 1988.
- **Semes, Steven W.**, *The Future of the Past – A Conservation Ethic for Architecture, Urbanism, and Historic Preservation*, W. W. Norton & Co. Ltd., New York, 2009.

## **Course Assessment**

Mid-term exam 30%, homework 20%, Term Project 50% (no final exam)

## **Contributors**

1-2 architects experienced in contextual design are planned to be invited.

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