

	CRN	Semester	Theoretical	Practical	Credits	ECTS
course program form information	22376	7	2	6	5	8
instructors	Prof. Dr. Sinan Mert ŞENER mert@itu.edu.tr Taşkışla, 219/D		Res. Assist. Oğuz Orkun Doma doma@itu.edu.tr Taşkışla, 223/E			
course objectives	Developing appropriate designerly strategies and adopting/selecting relevant design tools to tackle the complex design situation defined is the primary objective of the course. Achieving advanced design solutions within a dynamic urban setting and representing its related conceptual/physical/spatial attributes as multi-modal outcomes define the other objectives of the course.					
project description	<p>In this studio, students are expected to develop a Mixed Use Development project in Teşvikiye, Şişli or Perşembe Pazarı, Karaköy.</p> <p>The students are invited to analyze the urban features of their site in both macro and micro scales, and understand the design constraints and opportunities of the site. Determining the functions and proposing a building program after a conceptual proposal, students will design a mixed use building, that corresponds to its urban context and public needs, incorporating a mix of living and working spaces which may include but not limited to, residence, retail, office and public spaces.</p> <p>Students will learn how to develop an architectural project within the context of the city, managing the architectural design process, maintaining structural and economic feasibility, bearing in mind the regulation requirements and safety issues, considering the professional ethics, designing for sustainability, and apply these to architectural design practice.</p> <p>The building program determined by the students should include approx. 7.500 m² (±%10) of built area, and a car park of 150 cars capacity. At the end, the students are expected to produce thorough architectural drawings and representations for their design.</p>					
assessment	%10 Design Development (includes <i>studio critics</i> and <i>sketch exam</i>) %20 Midterm Jury %70 Final Jury + Project Submission					
	%75 attendance is required. Students are required to provide either drafted drawings or print outs of their CAD/BIM works for critics during the studio hours. <i>Attendance includes both presence in the studio and participation in the critics.</i>					

**submission
criteria**

The final project should be submitted in the **required format. Late submissions will not be accepted.** Submissions and dates are subject to change which is to be announced later in due time.

Submission requirements:

- %75 attendance to studio and participation in critics
- Attendance to all juries

Jury requirements:

- Proper submission on its due time
- All the required submission items, listed below
- Digital submission of all jury documents, as listed below

**final jury
submission list**

Drawings should reflect the **technical architectural representation requirements of their scale.**

Works to be produced

- Concept diagram and analytical studies
- 1:500 site plan and silhouettes
- 1:200 all floor plans (site info is to be shown on the Ground Floor Plan)
- 1:200 Sections (min 2)
- 1:200 Elevations (min 3)
- 1:20 System Details
- 3D Models, renders, sketches and other drawings to represent the project (Model photos, interior and exterior 3D renders from several points)

The hardcopy submission:

- Original posters (portrait A1s, or divided into portrait A1s)
- A3 size color prints of all posters (scaled to fit)
- 1:500 (and optionally 1:1000 scale) site model

The softcopy submission:

- A combined PDF file, named in *MIM_22376_StudentId_NameLastname_AD6* convention, smaller than 80 MB in size.
- At least 5 photographs of the physical models in JPEG format.

references

- De Lapuerta, J.M. (2007). *Collective Housing: A Manual*. Barcelona: Actar Publishers.
- McLeod, V. (2007). *Detail in Contemporary Residential Architecture*. London: Laurence King.
- Neufert, E. (2018). *Neufert – Yapı Tasarımı*. İstanbul: YEM Yayın.
- Sayigh, Ali. (2018). *Seaside Building Design: Principles and Practice*. Springer.
- Yılmaz, B. (2019). *Projeler Yapılar 1: Konutlar*. İstanbul: YEM Yayın.
- Yılmaz, B. (2019). *Projeler Yapılar 2: Ofisler*. İstanbul: YEM Yayın.
- Yılmaz, B. (2019). *Projeler Yapılar 4: Kültür Yapıları*. İstanbul: YEM Yayın.
- Yılmaz, B. (2019). *Projeler Yapılar 6: Peyzaj Tasarımı*. İstanbul: YEM Yayın.

course schedule		
WEEKS	MIM411e – ARCHITECTURAL DESIGN VII	DATE
1	INTRODUCTION The Definition of the Problem	10.02.2020
		13.02.2020
2	SITE ANALYZES	17.02.2020
		20.02.2020
3	LECTURE: Economical Feasibility of Developments DESK CRITIQUES: Architectural Program	24.02.2020
		27.02.2020
4	DESK DISCUSSION Defining the conceptual framework and architectural program	02.03.2020
		05.03.2020
5	LECTURE: Architectural Representation DESK CRITIQUES: Technical Drawing and Graphic Design	09.03.2020
		12.03.2020
6	DESIGN PHASE Desk critics to develop design proposals	16.03.2020
		19.03.2020
7	DESIGN PHASE Desk critics to develop design proposals	23.03.2020
		26.03.2020
8	TERM BREAK	30.03.2020
		02.04.2020
9	MIDTERM JURY Pin-up: Analyzes, concepts, architectural program, design proposals	06.04.2020
		09.04.2020
10	LECTURE: Structural Integrity for Residential Buildings DESK CRITIQUES: Architectural and Structural Design	13.04.2020
		16.04.2020
11	DESIGN PHASE: Desk critics to refine architectural design	20.04.2020
	<i>National Sovereignty and Children's Day</i>	23.04.2020
12	REFINE DESIGN PROPOSALS Desk critics to refine architectural design	27.04.2020
		30.04.2020
13	FINALIZE ARCHITECTURAL DESIGN Desk critics to refine architectural design	04.05.2020
		07.05.2020
14	FINAL POLISH ON REPRESENTATION Final representation and board design	11.05.2020
		14.05.2020
15	FINAL JURY WEEK The final jury date is to be announced.	18.05.2020
		21.05.2020