

Istanbul Technical University – Department of Architecture
MIM 411E - Architectural Design VII, 25182
Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour: Monday, Thursday 13:30-17:30
Course Room: 3503
Course Credit: 5
Course Web Site: TBA

Course Instructor: Yüksel Demir
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Architecture & Culture & Nature: Süleymaniye



The silhouette of Istanbul Drapers Bazaar with Süleymaniye Mosque Source: Tekeli, Sisa & Hepgüler, 1965.

Being the last studio before graduation project; this studio aims to help students produce profound professional outcomes at given conditions, based on the resources and limitations they have. By losing the fear, hesitancy, prejudices, inefficiency and ambiguity.

Project Studio Description

Engaging architecture with urban dynamics in national and international contexts and develop visions for future scenarios; analysis and evaluation of various scales of urban, regional and global dynamics in order to translate them into architectural knowledge; discussion of architecture's socio-cultural aspect in relation to natural, historical and cultural heritage; building dialogues and integrating with other disciplines; developing creative and innovative solutions to large scale, complex and multi-use architectural programs with advanced construction systems and detailing, developing a personal position in the design process based on the accumulation of skills and experiences earned in previous years. The Studio objectives include

1. Addressing urban dynamics through the design of multi layered architectural design problems,
2. Development and detailing of advanced complex architectural design solutions,
3. Application of advanced technologies, materials and construction systems,
4. Providing the experience of interdisciplinarity in architectural design process,
5. Developing an architectural position in the preservation and enhancement of the values around natural, historic and cultural heritages,
6. Enabling the atmosphere for obtaining a personal stance in the issues regarding architectural design, research, production of architectural knowledge, criticism and representation.

Course Outcomes

1. Managing the integration of different scales of urban factors into architecture
2. Translating complex data on function, program and parameters into architectural knowledge to be used as design inputs,
3. Application of advanced technologies and materials in architectural design,
4. Working in collaboration with various fields of expertise,
5. Developing a personal vision and initiative in the professional field.

Project Studio Structure and Plan

The course is a design studio class that requires a substantial dedication and investment of student time, skill, and critical thought both during and after official studio hours. As a part of design studio instruction, students are required to participate in all lectures, discussions, and field trips, as well as group and individual critiques of exercises, assignments and projects. Sketches, drawings and models request during studio project phases. Studio often begins with a group review, followed by assignments, lectures, presentations, discussions, or individual critiques on the project as needed.

There will be two workshops at the first half of the term. The second half will be utilized to develop the term project. In order to reinforce the practical skills and knowledge the students are invited to take a theoretical course¹

- **Workshop 1. Süleymaniye:** Proposals to revitalize and restore life in Süleymaniye.
- **Workshop 2. Antarctica:** Turkish Antarctic Research Station Proposal
- **Term Project:** Projects for Süleymaniye
 - **Module 1.** Tectonics
 - **Module 2.** Design Development
 - **Module 3.** Design Representation

Studio Schedule

WEEK 1	M. Introduction / Course Brief T. Site Visit	General Discussion and Q/A Site Analysis & Research
WEEK 2	M. Design Research: Research Outcome & Discussions T. /Seminar: Süleymaniye - Urban Sociology	Library & Studio Work Guest Lecturer
WEEK 3	M. Design Research and Conceptual Design T. Workshop Modeling & Representation	Studio Guest Lecturer
WEEK 4	M. Design Development and Critics T. Jury Evaluation I: Süleymaniye Workshop	General Discussion and Q/A
WEEK 5	M. Design Research and Conceptual Design Seminar Antarctica T: Studio Works / Design Development and Critics	Studio Work Lecture Studio Work
WEEK 6	M. Design Development and Critics T. Design Development and Critics	Studio Work Studio Work
WEEK 7	M. Design Development and Critics T. Jury Evaluation II: Antarctica Workshop Term Break: International Haliç Workshop	Studio Work General Discussion and Q/A ITU&Politecnico di Milano&The Circle
WEEK 8	M. Term Project Modul1: Tectonics T. .Term Project Modul1: Tectonics	Studio Work Studio Work
WEEK 9	M. Term Project Modul1: Tectonics T. .Term Project Modul1: Tectonics / Seminar	Studio Work Studio Work / Guest Lecturer
WEEK 10	M. Term Project Modul2: Design Development T. Term Project Modul2: Design Development	Studio Work Studio Work
WEEK 11	M. Term Project Modul2: Design Development T. Term Project Modul2: Design Development	Studio Work Studio Work
WEEK 12	M. Term Project Modul2: Design Development T. Term Project Modul2: Design Development	Studio Work Studio Work
WEEK 13	M. Term Project Modul3: Design Representation T. Term Project Modul3: Design Representation	Workshop / Guest Lecturer Workshop / Guest Lecturer
WEEK 14	M. Term Project Modul3: Design Representation T. Jury Evaluation III	Studio Work Exhibition / Colloquium

Project Studio Assessment

Students are evaluated according to their performances in the studio, desk crits, pin-up reviews, jury sessions and final submissions.

Final grade is based on midterm and the final submission.

Final grading scheme is: 60% Midterm Submission + 40% Final Submission.

¹ MIM252E Theories of Architectural Design CRN:22221

Required deliverables for the jury reviews and the final submission are:

1., 2. Juries (Süleymaniye WS, Antarctica WS)

Analyses, models, diagrams, sketches, moodboards, storyboards, site plans silhouettes plans, sections, elevations

3. Jury (Term Project Module 1: Tectonics)

Research outcome, models, diagrams, sketches, moodboards, system detail (plan, section, elevation)

4. Jury (Term Project Module 2: Design Development)

Analyses, models, diagrams, sketches, moodboards, storyboards, site plans silhouettes plans, sections, elevations, system detail

5. Jury (Term Project Module 3: Design Representation)

A0 Individual Poster (Analyses, models, diagrams, sketches, moodboards, storyboards, site plans silhouettes plans, sections, elevations, system detail),

A3 Individual poster (summarizing the whole proposal)

A3 Portfolio (including all studio outcome)

A0 Group Research poster

A3 Group Research portfolio

Model(s)

Final Submission

All the list given at 5. Jury

Digital portfolio

Contributors

Cem Altun

Selçuk Avcı

Antonella Contin

H. Murat Günaydın

Oğuz Haşlakoğlu

Mehmet Kara

Gülten Manioğlu

Fatih Yazıcıoğlu

Gülfer Topçu

Recommended Readings

Site & Subject Specific:

- Müller-Wiener, W. (2001). İstanbul'un Tarihsel Topografyası. *Yapı Kredi Yayınları*, 1419, 534.
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General:

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- M. S. Bergil, Altın Oran, Arkeoloji ve Sanat Yayınları. 1993.
- P. de Bolla, Sanat ve Estetik, Ayrıntı. 2006.
- S. Bozdoğan, & R. Kasaba, Türkiye'de Modernleşme ve Ulusal Kimlik, Nurettin Elhuseyni (çev.), Tarih Vakfı Yurt Yay. 1998.
- N. Bunnin, E. Tsui-James, TheBlackwell Companion toPhilosophy, 2nd Edition, Wiley-Blackwell. 2002.
- T. Cansever, Mimar Sinan, Albaraka Türk Kültür Yayınları. 2005.

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