

**Istanbul Technical University – Department of Architecture**  
**MIM 312E - Architectural Design VI, 25181**  
**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 & Nature & Culture: Turkish Antarctic Research Station**



Horseshoe Island, Antarctica Photo: Yüksel Demir, TAEII, 2018

Being one of the two last studios 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, prejudgments, inefficiency and ambiguity.

**Project Studio Description**

Advanced architectural design and research project. Integration of architectural theory, principles, and practice with creative, organizational, and technical abilities in architectural design and design research. The Studio objectives include

1. To develop appropriate design strategies for addressing complex design problems,
2. To research and discuss contemporary architectural theories and link them with design activities,
3. To assess urban and environmental factors as architectural design inputs,
4. To provide the experience of interdisciplinary collaboration in architectural design process,
5. To use of representation tools and advanced design media.

**Course Outcomes**

1. Pursue design problems with appropriate design strategies,
2. Gather, scrutinize and convey design data regarding complex urban textures,
3. Coordinate architectural design process in an interdisciplinary development environment,
4. Master advanced technologies and materials in architectural design,
5. Present information about the designed architectural solution/object through advanced design media.

**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 are requested 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 course<sup>1</sup>

- **Workshop 1. Süleymaniye:** Proposals to revitalize and restore life in Süleymaniye.
- **Workshop 2. Antarctica:** Turkish Antarctic Research Station Proposal
- **Term Project:** Turkish Antarctic Research Station Projects
  - **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	Studio Work General Discussion and Q/A
	Term Break: International Haliç Workshop	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.

## 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)

<sup>1</sup> MIM252E Theories of Architectural Design CRN:22221

#### **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 Sources

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