

Istanbul Technical University – Department of Architecture
MIM 212E - Architectural Design IV, 22135
 Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour : Monday, Thursday, 13:30-17:30
Course Room : -
Course Credit : 5
Course Web Site : https://fieldsandinteractions.blogspot.com/

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Course Assistant/s: -
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Project Studio Description

Over the course of the "fields + interactions studio", we will investigate the spatial processes and interactions that are enabled by the layering of living - nonliving systems within the city. This productive examination, whose primary focus will be the public realm around Kumkapı - Yenikapı, will evolve into an architectural research, where spaces of learning and research will be redefined in terms of intensifications of interactions. The studio will be supported by seminars, field trips, readings, presentations, and collective examinations towards topics ranging from philosophy, arts, and theory to architectural examples and representation.

Project Studio Structure and Plan

Course Plan

WEEK	DATE	TOPIC
1	10.02	- Introduction to the studio, readings, process; gathering of student information; assignments etc. - Entry work: "Microhabitat" introduction
	13.02	- Field trip: Kumkapı – Yenikapı - Microhabitat: investigating and documenting a micro-habitat within the city.
2	17.02	- Microhabitat, first output, discussion - Seminar 1. Nature
	20.02	- Microhabitat: submission and exhibition - "Systems mapping", intro.: Studying the field as a layering of systems and fields.
3	24.02	- "Systems mapping", initial output, discussion - Study field proposals - Seminar 2. City and Nature
	27.02	- "Systems mapping", cont. - Reading + writing 1
4	02.03	- "Systems mapping", submission and exhibition - Field readings
	05.03	- Field exercises: marking + limiting - School / learning workshop
5	09.03	- Field readings - School / learning
	12.03	- Field + interaction exercises - Reading + writing 2
6	16.03	- Seminar 3. Architecture and Nature - Field + interactions + school
	19.03	- Proposals and development
7	23.03	- Precedent day 1. learning - Study and discussion
	26.03	- Study and discussion
8	06.04	- Precedent day 2. ground - Study and discussion
	09.04	- Study and discussion
9	13.04	- Precedent day 3. field

	16.04		Study and discussion
		-	Study and discussion
10	20.04	-	Precedent day 4. tectonics
	23.04		Study and discussion
		-	Study and discussion
11	27.04	-	Precedent day 5. drawing
	30.04		Study and discussion
		-	Study and discussion
12	04.05	-	Precedent day 6. drawing
	07.05		Study and discussion
		-	Study and discussion
13	11.05		Study and discussion
	14.05		Study and discussion
		-	Study and discussion
14	18.05		Jury
	21.05	-	Term evaluation and surveys

Recommended Readings

Stan Allen, 1999, *Points and Lines: Diagrams and Projects for the City*. Princeton Architectural Press.

Gilles Delalex, 2006, *Go with the Flow: Architecture, Infrastructure and the Everyday Experience of Mobility*. University of Art and Design Helsinki.

Donna Haraway, 1991, "A Cyborg Manifesto: Science, Technology, and Socialist-Feminism in the Late Twentieth Century," in *Simians, Cyborgs and Women: The Reinvention of Nature*. Routledge.

Blaine Brownell and Marc Swackhamer, 2015, *Hypernatural: Architecture's New Relationship with Nature*, New York: Princeton Architectural Press.

Michael Weinstock (Ed), 2013, *System City: Infrastructure and the Space of Flows*, AD.

Marina Alberti, 2008, *Advances in Urban Ecology: Integrating Humans and Ecological Processes in Urban Ecosystems*, Springer.

John M. Marzluff, Eric Shulenberger, Wilfried Endlicher, Marina Alberti, Gordon Bradley, Clare Ryan, Craig ZumBrunnen, Ute Simon, 2008, *Urban Ecology An International Perspective on the Interaction Between Humans and Nature*, Springer

Ian Douglas, David Goode, Mike Houck, and Rusong Wang (Eds), 2011, *The Routledge Handbook of Urban Ecology*, Routledge.

Wilfried Endlicher, Patrick Hostert, Ingo Kowarik, Elmar Kulke, Julia Lossau, John Marzluff, Elke van der Meer, Harald Mieg, Gunnar Nützmann, Marlies Schulz, Gerd Wessolek (Eds), 2011, *Perspectives in Urban Ecology: Studies of ecosystems and interactions between humans and nature in the metropolis of Berlin*, Springer.

Project Studio Assessment

1. Active and continuous participation to the studies and activities,
2. the level of student's development throughout the term,
3. the quality of the submitted work throughout the term.

Contributors

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fields + interactions
(canlı stüdyo 2)

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- a kind of school [what kind of political and ecosystemic interactions does a school intensify?]

- investigating microhabitats (habitat on the architectural scale)

- [micro]-urban ecosystem models

architecture as a(n)

detection	interactions
intensification	worldviews
gathering	representations
selection of	media
staging	ecologies
framing	organisms
	transformations
	flows
	formations
	geology
	tectonics
	atmospheres