

MIM312E

ARCHITECTURAL DESIGN VI

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Location: 228, Appointments with your instructors should be made by email.

I Course Description

In this course, students will work closely with a tutor on a unique project, absorbing the key issues informing the project and demonstrating an ability to translate these issues into a design project. The objective of the unit is to prepare a schematic and developed design for a public building project with an emphasis on interrelationships of spaces and specialist functions, including, public interface, public assembly and functional performance. On successful completion of this unit of study students will develop concepts to justify a design with references to an urban site as well as strategies for public buildings.

The studio investigates the concept of space, pop-ups/ parasol/ relationships of components and sensation through a series of design exercises within small tutorial groups during Monday and Thursday studio sessions. There will be several types of assessments based on the design of the building plus in-class exercises which might involve students in quick resolution and communication of a design solution. The objective of the unit is to prepare a schematic and developed design for simple public building project with an emphasis on interrelationships of spaces and specialist functions, including, public interface, public assembly and functional performance.

On completion of this studio students should be able to:

- Justify a design with references to an urban site;
- Develop strategies for the chosen programme;
- Identify functional needs and uses of the building;
- Prepare design solutions to be suitable in an existing building fabric; and
- Present designs and ideas graphically and verbally.

2 Theme

POP-UPS / PARASOLS

Parasol / Pop-Ups would be about exploring ideas / visual and sonic properties about the environment and design, it would have no immediate practical purpose but pleasure- that would be set of instalments in the city such as follies, eye-catchers or open-sided gazebos, kiosk offering shelter from the sun, or a platform of catching a breeze with eyes closed listening the City of İstanbul.

Walter Gropius (1962, p.30) states that “sensation comes from us, not from the object which we see. If we can understand the nature of what we see and the way we perceive it, then we will know more about the potential influence of man-made design on human feeling and thinking.” Our past experiences have effect on our sensations of an object. As such, there is both a deep connection and a tension between what a designed object, e.g. an architectural space, is intended to be in reality and the individual’s sensation of it, the illusion as Gropius calls it, and alternate reality as we would like to call it. Typically, the materiality of architecture exists in “atmosphere” which is, in Peter

Zumthor’s words, “this singular density and mood, this feeling of presence, well-being, harmony, beauty... under whose spell I experience what I otherwise would not experience in precisely this way” (Zumthor, 2006, p. 2).

In the scope of this studio, You will design a set of temporary structures to accommodate a kind of assemblage of alternate realities / a zone of tranquility / parasol or pop-ups of several functions or attractions where the vistas and soundscape of the city will be enhanced / experienced along the Bosphorus.

What? - Proposing loose programs of open-ended, undetermined, lightly programmed and mobile programmed interactions.

Where? In the intensive – historical city fabric –sites along Bosphorus-Beşiktaş-Karaköy or Sirkeci-Balat.

How? - City visits - readings - collaborative work - seminars - workshops

Students will be able to identify the functional needs and uses of public buildings and present ideas and designs graphically and verbally. They also develop knowledge for analysis of design theories, processes and architectural positions and develop the ability to use them creatively.

3 Weekly Schedule

Week commencing	Modul	Studio Topic
1	Monday 4.02	Introduction
	Thursday 7.02	Exercises
2	Monday 11.02	Exercises
	Thursday 14.02	Exercises
3	Monday 18.02	Introduction of the Design Brief/ Site/s
	Thursday 21.02	POP-ups/ PARASOL Study
4	Monday 25.02	Mapping & diagramming the city
	Thursday 28.02	Submission/ research critique, pin up submissions sharp @1:30pm
5	Monday 4.03	Project introduction / narratives
	Thursday 7.03	Precedent Research /presentation of research
6	Monday 11.03	Initial idea development
	Thursday 14.03	Development of the image of the proposal, pin up submissions sharp @4:30pm
7	Monday 18.03	schematic design development
	Thursday 21.03	the proposal, pin up submissions sharp @4:30pm
8	Monday 25.03	Mid-term Break
	Thursday 28.03	
9	Monday 1.04	Final Project
	Thursday 4.04	Day critiques
10	Monday 8.04	Midterm assessment %20
	Thursday 11.04	Day critiques
11	Monday 15.04	Mid-term critique- pin up submissions sharp @1:30pm
	Thursday 18.04	Day critiques
12	Monday 22.04	Final Project
	Thursday 25.04	Day critiques
13	Monday 29.04	Final Project
	Thursday 2.05	Day critiques
14	Monday 6.05	Final Project
	Thursday 9.05	Day critiques
15	Monday 13.05	Final Project
	Thursday 16.05	Pre-critique- pin up submissions sharp @1:30pm
		Final presentation – final critique- pin up submissions sharp @1:30pm
Due of final submission will be announced.		

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Activities

Groupwork

The studio will include some groupwork in order to develop a common ground on the discussion issues. Active participation is expected.

Term project

This will be the main project of the course.

Reflective Journal

The students are expected to keep a sketching book that would include the text and visuals of their design work / project diary as well as reflective journal of their personnel development in the form of visual graphics. This work will be part of the assessment indicating the progress of individuals, thus the submission of the reflective journal is *compulsory*.

5 Assessment

In-class exercises 15%;
Mid-term schematic design submission/s: 20%
Final project, developed design submission: 65 %

The assignments aim to extend student's ability to resolve the design issues associated with a building/artifact.

Assignment Objectives

On completion of the assignments the students should be able to:

- Develop a final design proposal for a medium scale building.
- Use appropriate communication skills to present a design proposal

The assignment requires:

Internal program:

Proposal to better satisfy performance criteria addressed in previous submissions, AND get the services with a well resolved solution to the problem of structure and envelope to realise design intentions.

External program:

Proposal to better satisfy performance criteria addressed in all submissions, AND illustrate a consideration of vehicular and pedestrian access, landscaping, and existing context, etc. with the aid of graphical presentation techniques such as photomontage, models and drawings.

Creative idea development:

Proposal to contribute to the discipline of architecture, and engage with questions of space (as discussed in class).

Graphic and verbal communication:

The presentation will make use of appropriate drawings, models and verbal communication techniques to present a schematic design proposal in a way that would win the audience's confidence.

6 Communication

Important announcements about homework assignments and exams will be posted on ITÜ Ninova web site or sent to students' email accounts, see below URL.

It is the student's responsibility to check the web site and their email

frequently enough to be able to meet the requirements of those announcements in a timely manner. <http://ninova.itu.edu.tr>

7 *Plagiarism*

University policy prohibits students plagiarising any material under any circumstances, if a student presents the thoughts or works of another as one's own, it is called plagiarism. Plagiarism may include, but not limited to:

- copying or paraphrasing material from any source without due acknowledgment;
- using another's ideas without due acknowledgment; and
- working with others without permission and presenting the resulting work as though it was completed independently.

Plagiarism is not only related to written works, but also to material such as data, images, drawings, music, formulae, websites and computer programs.

Aiding another student to plagiarise is also a violation of the Plagiarism Policy and may invoke a penalty.

For further information on the YÖK policy on plagiarism, please refer to: Yükseköğretim Kurumları Öğrenci Disiplin Yönetmeliği, S:28388.

8 *Readings/ Resources*

<https://www.theguardian.com/cities/2015/jul/20/cult-temporary-pop-up-phenomenon-cities>

<https://popupcity.net/>

<https://www.gopopup.com/en>

<https://failedarchitecture.com/why-the-pop-up-hype-isnt-going-to-save-our-cities/>

Articles:

Claire Colomb (2012) Pushing the Urban Frontier: Temporary Uses of Space, City Marketing, and the Creative City Discourse in 2000S Berlin, *Journal of Urban Affairs*, 34:2, 131-152, DOI: 10.1111/j.1467-9906.2012.00607.x

Susanna Schaller & Sandra Guinand (2018) Pop-up landscapes: a new trigger to push up land value?, *Urban Geography*, 39:1, 54-74, DOI: 10.1080/02723638.2016.1276719

<https://www.dezeen.com/>

<https://www.archdaily.com/>

<https://architectureau.com>

<http://www.evolo.us/>

Schaik, LV & Watson, F. 2015, Pavillions, Pop-ups and Parasols, *Architectural Design*, May/June.

Tschumi, B. 1996, *Architecture and Disjunction*, MIT Press, Londra, s.23, 101-120, 160, 215-225.

Gropius, W. 1962, *Scope of Total Architecture*, NY: Collier.

Zumthor, P. 2006, *Atmospheres: Architectural Environments - Surrounding Objects*, Birkhauser Verlag AG.