

Architectural Design Studio 7-6

ITU / Faculty of Architecture / 2018-2019 Fall Semester/ Mehmet Emin Şalgamcıoğlu

CON'TEMPORARY DIALECT(S) in the sustainable urban environment

Dealing with sustainability and possible mediums in Architectural Design

Design Studio's leading strategies primarily includes the investigation for a sustainable built environment. In this context, *the contradiction between private and public, the relating parameters between them; dealing with the strategies that emerges a slow-city; sustainability of local dynamics; functions of production, agriculture, performance, temporary or permanent accommodation, etc.* are key for the studio. The following key assumptions through the studio process are *Design investigations based in speculative and non-speculative architectural mediums; appropriate technologies for production and architectural design; Investigating the novel design trends emerging at our time; and Representing the architectural production that is rapidly changing.*

In terms of representation comics and toys are also showing up in perspectives and models nowadays, orthographic drawings are still vivid but crafting optical tricks are a part of the representation. These kinds of various strategies are always part of the studio. Physical modeling through different technics and materials should also be used through the process in the studio, which is crucial for development of the design. In that sense, even mobilizing the representation of the architectural design via physical model is considerable.

New trends, technologies, strategies in architectural design are always an input through this design studio.

Through these strategies the project site will be selected in the North Aegean Region or the Mid-Anatolian Region. The studio coordinator(s) will plan a trip to the site and attending to the trip is compulsory for developing the architectural design project.

The contradiction between private and public, the relating parameters between them; dealing with the strategies that emerges a slow-city; sustainability of local dynamics are the key strategies. Production, agriculture, performance, temporary or permanent accommodation, etc. spaces in relation with the local interactions of urban land and the built environment will be studied. The question of "whose space is this?" is vivid.

In this sense, CON'TEMPORARY DIALECT(S) is the leading theme. Public vs. Private, Building The Interface and The Place for sustainable development of the selected sites with the specified selected function is the active design strategy. In addition to that

Microcosm vs. Macrocosm is the strategy for being in the world in different dimensions and scales for this studio.

This is an architectural design scale project that is dealing also with urban design in this sense and looking for creative design ideas on various functions including the varieties in sustainable life cycles of the selected key site(s). Production, agriculture, performance, temporary or permanent accommodation spaces, Information interfaces including the commercially used spaces as well as spaces in relation with the rest and recreation areas are all related with this studio. The project sites are determined in such areas relating with both pedestrian movement and transportation related connections. The goal is to unify and co-exist within the related land or facilities where the existing built environment and life is still continuing. The creation of rest areas and also public spaces needed to be considered. The project may also allow people to move freely between different levels in the urban scale depending on the specific qualities of the sites. The exact sites will be announced later during the studio process.

Lynch and Stea's imaginative parameters specifying the urban core elements such as nodes, paths, districts, landmarks, barriers and edges are key factors in the urban analysis. Students should consider these elements in their analysis and they should also achieve the connections of these contexts in the city life. In the urban analysis rather than being a physical context, movement, human behaviors, signs, symbols, cultural and social aspects are also key factors for design.

CON-TEMPORARY DIALECT(S) reflect the highly intellectual, sustainable and locally developing life with its global connections dealing with the hidden layers of sustainable contemporary design challenge as well as the physical confrontations that people see in everyday life. The relation of built environment and sustainable values in spaces is the key issue in this studio.

Various life cycles are always a part of the progressing country or urban life and effect the spatial organization; it may also cause to minimize the conflicts and contradictions in the society by sustaining the existing varieties. *Public vs. Private* is also an emerging issue in the essence of these spaces as well as *Microcosm vs. Macrocosm*. Minimizing the conflicts within the society is possible with the interfacing space solutions and ideas in this context. Functions and also locations reinforce a sustainable urban metaphor. Emerging as a landmark, the design may also expose the art products on an intersected area mainly located on the visitors' path and route, integrating with the daily life. The design in this project is expected as a node in the built environment and in/on/over/under the intersection of public/pedestrian walkways/the web of transportation, etc. The design of the project also boosts both "to" and "through" movement in terms of the movement of the people in or between the public and private areas of the developing but also the slow-city life. The goal is directly or indirectly to cause the meeting/confrontation of the visitor and the product, in various volumetric spaces considered as a path going through the heart of the design that pulls the people inside and reflects the selected design function and urban life. The design should physically reinforce a contemporary look as well as the reflections of the surrounding and sustainable urban site with architecture blended in the existing,

may also be defined contemporary life of the city.

Following the urban analysis and design approach; you will match the former considerations and propose a design idea including the architectural and urban design comprising the selected functions and the transportation accessibilities as a max. total building area of 7000 m².

Students should prepare an urban analysis on their selected sites within a group and also individually developed architectural design projects. During the urban analysis part, they will prepare an analysis considering Lynch's and Stea's imaginative elements, semantics and pragmatics of the space. The semantic of the space, in this case, might be considered all interfaces between the person and the environment as symbols and signs. The pragmatics of space is dealt with non-verbal communication, human movements, behavioral modes, social aspects and cultural realm.

As preliminary studio presentation works explained as short works in the schedule; First, students should work on an example sustainability project of a contemporary architect similar to this studio's theme reflecting the local and global connections from present time with its connections with the urban scale within a group of two. Second, thematic (will be announced during the studio) presentations depending on the qualities and potentials of the region that is being worked will also be presented as groups of 4 or 5. In sum, you will be presenting 2 preliminary researches with your groups.

Drawing Scales will be starting from 1/1000 urban scale to 1/500 design scale, 1/200 or 1/100 architectural scale and lead to 1/20 construction detail scale.

80% attendance is required.

WEEK		DATE / 2018	WORK PLAN	PHASE	DURING THE COURSE **
1	mon	17 September	Meeting and Introduction	I	Studio Opening <i>Class Work on the movie "Urbanized"</i>
	thu	20 September	Structuring Thematic Presentations for Architectural Design and Regional Master Plan Approaches	I	
2	mon	24 September	Thematic Presentations Day 1	I	seminar / movie
	Thu	27 September	Thematic Presentations Day 2	I	

3	mon	01 October	Master Plan Approaches Design in scales 1/1000, 1/500 + Thematic Building Presentations Day	I	seminar / Presentations
	thu	04 October	Field Trip Site Analysis continued... Concept Work / Conception of Master Plan – Relations / Research / Design Analysis...	I	
4	mon	08 October	Definition of the concept Concept Work / Conception of Master Plan... 1/1000 – 1/500	II	class work
	thu	11 October	Definition of the concept (Concept Work / Conception of Master Plan continued... 1/1000 – 1/500)	II	
5	mon	15 October	Definition of the concept (Concept Work / Conception of Master Plan continued... 1/1000 – 1/500)	II	class work
	thu	18 October	Programmatic & Structural Basis Design in scales 1/500, 1/200	II	
6	mon	22 October	Design Development 1/500, 1/200	II	research seminar
	thu	25 October	Design Development 1/500, 1/200	II	sketch exam / class work
7	mon	29 October	Republic Day	II	<i>No Class</i>
	thu	01 November	Jury Evaluation / Design Decisions – Site Work	II	class work
8	mon	05 November	Term Break	II	<i>No Class</i>
	thu	08 November	Term Break	II	<i>No Class</i>
9	mon	12 November	Design Development 1/500, 1/200	III	movie
	thu	15 November	Design Development 1/500, 1/200	III	
10	mon	19 November	Architectural Interpretation Design in scales 1/200, 1/100	III	submission
	thu	22 November	Architectural Interpretation Design in scales 1/200, 1/100	III	sketch exam / class work
11	mon	26 November	Architectural Interpretation Design in scales 1/200, 1/100	III	seminar
	thu	29 November	Architectural Interpretation Design in scales 1/200, 1/100	III	
12	mon	03 December	Architectural Interpretation Design in scales 1/200, 1/100, 1/50	III	seminar
	thu	06 December	Architectural Interpretation Design in scales 1/200, 1/100, 1/50	III	
13	mon	10 December	Jury Evaluation / Design Development in 1/200, 1/100, 1/50	III	Jury Evaluation

	thu	13 December	Design Development in 1/200, 1/100, 1/50	III	Discussion / class model work
14	mon	17 December	Design Development in 1/200, 1/100, 1/50	III	Discussion / class model work
	thu	20 December	Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20	III	Discussion / class model work
15	mon	24 December	Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20	III	Board Presentations / Digital Work
	thu	27 December	Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20	III	Board Presentations / Digital Work
Preparations for Submission		28 December	End of Semester / Post-production Phase		
Submission		will be announced later	submission		submission

** The content and schedule of the class work may subject to change due to availability of the lecturers and content of the work.

Additional Class Works Content & Contributors in Brief :

2 Jury Evaluations and Additional Term Assessments

(with the contribution of)

Ali Eray – PAB Mimarlık

Esra Sönmez İşlek - LAB::ISTANBUL

Emre İşlek – Bold Mimarlık (<http://boldmimarlik.com/>)

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Class Seminars

Structure

Model Making

Presentation – Representation...

Short Class Works

site - theme presentations

student building presentations

Charette

Collage

Evaluation Criteria :

	Activities	Quantity	Effects of Grading
ASSESSMENT	Term Process Grading (Presentations, term submissions, short works, participation to discussions and class hours)	5	% 40
	Final Submission*	1	% 60

Final Submission* documents :

In the design studio – (Exact date and time period will be announced later)

A1 boards, A3 hardcopy submission.

Physical Model, Booklet, Digital files (CD, DVD, or file transfer) submission.

A1 size formatted submission (max. 12 A1 boards – You may be presenting A0 boards, but cut it in the middle as legible and properly presented 2 A1s) should include:

- **1/1000 master plan that you have worked on including the general layout plan that you have developed** (showing your designs, movement of people and vehicles; organization of open and closed, public and private spaces). (You may be submitting your master plan as a group -please mention your area/names on the board in that case- and showing more specific parts in your individual boards. If a group work is not possible please prepare and present it individually in your individual boards)
 - **Environmental and Architectural Analysis** concerning the project development.
 - **Representation of the development of the project** including different stages and design development idea. Diagrams, mixed presentation techniques including collages and reformatted drawings showing your design idea, development and final situation.
 - **1/500 site plan**, including relations with the surrounding, information about the project (including information about functions, levels, accessibility, shading positions of the masses according to the selected sun position, etc.).
 - **1/500 silhouettes**, showing the site from the selected ground sections that are perpendicular to each other, towards the development of building-environment relationship (showing the topography and the environment is important in this representation).
 - **1/200 plans** (It is important to draw the ground floor plan that approaches to open/closed spaces and entrances, also shows the relations with the close environment, movement of people and vehicles).
- (Note: for some of the projects the scale of the plan, section and elevations may be 1/50 or 1/100 – we have specifically talked to the owners of these projects during the process, if we did not mention you any scale you will be presenting 1/200)
- **1/200 sections** (perpendicular to each other)
 - **1/200 elevations** showing the main directions in relation with the facades (as north elevation, east elevation, north-east elevation etc.)
 - **Diagrams, models, graphic explanations of spatial organization**
 - **Images and collages** showing the character of the building in relation with the city life, material used in the building, etc.

- **Circulation diagram, production process, etc. according to the specific characteristics of the projects.**
- **3D drawings:** digital models, perspectives
- **1/20** system detail (partial section and elevation), partial section according to structural system, material, building technologies
- **1/200 or 1/333 Physical model**, including the environment and relations with the surrounding (the scale will be determined by you according to the dimensions of the physical model, if your model is getting to big, you may be doing it 1/333 with the environment)
- **Architectural report** of max.250 words is expected on the first presentation board. it will not be printed separately.
- **Booklet Submission:** [A4] (21cm x 29,7cm) formatted or [21cm x 21cm] formatted booklet representing your project (including the narration; process and presentation of the project).
- **Digital files submission (CD, DVD, or file transfer)** including all of the submitted material (posters, report, images of the built model) and hardcopies of the presented A1 boards will also be submitted in A3 size (**please prepare and submit 2 sets of A3 hardcopy presentations**).
- **A3 Sized hardcopy presentations** and also A1 submission boards should include the labeling of the Design Studio. Showing the topic, name of your project, your name and studio's year and supervisor/instructor.

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