

Architectural Design Studio 6-7

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

CONTEMPORARY INTERFACES

A center design for CULTURE + TRAINING + LEISURE ++ in Edirne
In the context of Urban and Sub-Urban Accessibility and Life Cycles

if place, by its very nature, provides a sense of orientation and identity by establishing an inside in the midst of outside, then we should seek to understand how the physical and built environments can contribute to this insideness.

David Seamon, 2003.

THIS SEMESTER, ARCHITECTURAL DESIGN STUDIO 6 IS INVESTIGATING THE CULTURE + TRAINING + LEISURE spaces and more... in relation with the local interactions of urban and sub-urban land and the built environment. The question of "whose space is this?" is still vivid.

In this sense, Contemporary INTERFACES in EDİRNE is vivid. **Public vs. Private**, Building The Interface and The Place for CULTURE + TRAINING + LEISURE spaces and more... is the active design strategy.

This is an urban and architectural scale project looking for creative design ideas mainly on culture oriented functions, performance centers, complexes including the varieties in culture-training and leisure, and also - may even - include temporary accommodation... Culture center complexes, Information interfaces, spaces for leisure time activities including the commercially used spaces as well as spaces in relation with the rest and recreation areas. The project sites are determined in such areas relating with both pedestrian movement, urban and sub-urban land, historical districts and river accessibility... The goal is to unify and co-exist within the related facilities where the related contextual loads emerge. The creation of rest areas and also public spaces needed to be considered. The project should also allow people to move freely between different layers in the related scale, depending on the specific qualities of the sites. The sites will be assigned from Edirne, an excursion will be made and pedestrian movement, urban and sub-urban land, historical districts and river accessibility will be considered through the selection...

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.

Contemporary Interfaces reflect the highly intellectual life reflected by the selected functions' design challenge as well as the physical confrontations that urban people see in everyday life. The relation of urban built environment, sub-urban/urban interface character, culture and leisure spaces is the key issue in this studio.

The theme is always a part of the progressing urban life and with the effect of this spatial organization; it may cause to minimize the conflicts and contradictions in the society. Public vs. Private is also an emerging issue in the essence of these spaces. Minimizing the conflicts within the society is possible with the interfacing space solutions and ideas in this context. Functions and also locations reinforce an 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 urban 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. The design of the center 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 city. 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 accommodation and urban life. The design should physically reinforce a contemporary look as well as the reflections of the surrounding urban site with an architecture blended in the contemporary life of the city.

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; 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 techniques 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-West Anatolia/Europe Region. The studio will plan a trip to the site and attending to the trip is compulsory for developing the architectural design project.

Edirne is an important historical and urban/sub-urban life interfacing city located on the border of Turkey, highly interacted with the continent-Europe. Challenging with the historical urban pattern and the specific topography is needed. The edge of city facing to city center and also to the country side and connection between the water-river are critical issues in urban planning and transportation accessibilities.

Following the urban analysis and design approach; you will match the former considerations and propose a design of site and building complex comprising **“A center design for CULTURE + TRAINING + LEISURE ++ in Edirne”** and the various accessibilities as a total area of 5000-7000 m² / 25.000 -35.000 m³ depending on architectural design 6 or 7...

Students should prepare an urban analysis on their selected sites within a group. 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. Students should also present one known and contemporary architect's project in the urban scale within a group of two. In sum, each student will be presenting two works in a group.

Drawing Scales will be starting from 1/1000 urban scale to 1/500 urban design scale, 1/200 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 | 04 February | Meeting and Introduction | I | Studio Opening Class Work on the movie "Urbanized" |
| | thu | 07 February | Structuring Thematic Presentations for Architectural Design and Regional Master Plan Approaches | I | |
| 2 | mon | 11 February | Thematic Presentations Day 1 (<i>will be rescheduled according to the date of excursion</i>) | I | seminar / movie |
| | Thu | 14 February | Thematic Presentations Day 2 (<i>will be rescheduled according to the date of excursion</i>) | I | |
| 3 | mon | 18 February | Master Plan Approaches Design in scales 1/1000, 1/500 + Thematic Building Presentations Day (<i>will be rescheduled according to the date of excursion</i>) | I | seminar / Presentations |
| | thu | 21 February | Field Trip/Excursion (<i>the date of excursion may be subject to change</i>) Site Analysis continued... Concept Work / Conception of Master Plan – Relations / Research / Design Analysis... (<i>will be rescheduled according to the date of excursion</i>) | I | |
| 4 | mon | 25 February | Definition of the concept Concept Work / Conception of Master Plan... 1/1000 – 1/500 | II | class work |
| | thu | 28 February | Definition of the concept (Concept Work / Conception of Master Plan continued... 1/1000 – 1/500) | II | |
| 5 | mon | 04 March | Definition of the concept (Concept Work / Conception of Master Plan continued... 1/1000 – 1/500) | II | class work |
| | thu | 07 March | Programmatic & Structural Basis Design in scales 1/500, 1/200 | II | |
| 6 | mon | 11 March | Design Development 1/500, 1/200 | II | research seminar |
| | thu | 14 March | Design Development 1/500, 1/200 | II | sketch exam / class work |
| 7 | mon | 18 March | Design Development 1/500, 1/200 | II | |
| | thu | 21 March | Jury Evaluation / Design Decisions – Site Work | II | class work |
| 8 | mon | 25 March | Term Break | II | No Class |
| | thu | 28 March | Term Break | II | No Class |

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|--------------------------------|-----|----------------------------|---|-----|--|
| 9 | mon | 01 April | Design Development 1/500, 1/200 | III | movie |
| | thu | 04 April | Design Development 1/500, 1/200 | III | |
| 10 | mon | 08 April | Architectural Interpretation Design in scales 1/200, 1/100 | III | submission |
| | thu | 11 April | Architectural Interpretation Design in scales 1/200, 1/100 | III | sketch exam / class work |
| 11 | mon | 15 April | Architectural Interpretation Design in scales 1/200, 1/100 | III | seminar |
| | thu | 18 April | Architectural Interpretation Design in scales 1/200, 1/100 | III | |
| 12 | mon | 22 April | Architectural Interpretation Design in scales 1/200, 1/100, 1/50 | III | seminar |
| | thu | 25 April | Architectural Interpretation Design in scales 1/200, 1/100, 1/50 | III | |
| 13 | mon | 29 April | Jury Evaluation / Design Development in 1/200, 1/100, 1/50 | III | Jury Evaluation |
| | thu | 02 May | Design Development in 1/200, 1/100, 1/50 | III | Discussion / class model work |
| 14 | mon | 06 May | Design Development in 1/200, 1/100, 1/50 | III | Discussion / class model work |
| | thu | 09 May | Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20 | III | Discussion / class model work |
| 15 | mon | 13 May | Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20 | III | Board Presentations / Digital Work |
| | thu | 16 May | Advanced Development / Presentation Design Development 1/200 - 1/100 - 1/50 - 1/20 | III | Board Presentations / Digital Work |
| Preparations for Submission | | 17 May | 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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