MIM

tes211e

PROJECT III

2020-2021 Spring
Monday, Thursday 13:30-17:30

Tutors:
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Syllabus

PROJECT III

COURSE DESCRIPTION AND PURPOSE

The Project III course provides the student with the ability to read, write, speak and listen effectively, ability to gather, assess, record, apply and comparatively evaluate relevant information within the coursework and design processes. Critical thinking - conceptualizing - interpreting - problem definition and problem solving are the main stages of the studio.

The main objective of the course is enabling the students to perceive, investigate, interpret, and analyse human - space - object (product) - environment relationships in the context of Nature and Culture, to gain creative problem solving skills and to gain the expertise in using the fundamental terminology of the profession. Students can develop design alternatives in relation with the natural, cultural and conceptual context and by taking into consideration the structural, material, construction parameters related to the scale of design through this course.

PROJECT THEME

I am GREEN ...
The main purpose of this studio is to search for the right balance between human and environment and to discuss new definitions of life style, which is seen as a serious need in today's world. The project, which is expected to be formed through these discussions, reveal information and perspective, thought production, awareness of common life and suggestions regarding the needs that will make our life sustainable.

Within the scope of the project scenario, ITU Maslak campus deals with the design of a pilot campus over an ecological and sustainable life in the lake area. In this context, a project design is expected for a group of 50 students, based on the definition of new and common life within the scope of the concept. Supporting the continuation of today, in other words the existence of the future, together with the innovative and holistic approach, can be read as the main goal in the drive of this project formation.

It is also important to mention that inquiries on the concepts such ecology, ecological footprint and biocapacity (biological capacity) performed around the project can work as a guide of environmental sustainability. It can be used to measure and manage the use of resources regarding the economy of ITU Maslak campus. It can also be used to analyse student lifestyle regarding sustainability point of view. To sum up, understanding the importance of the concepts of ecology could prompt architects to make meaningful decisions about where it needs to go before people are aware of where they stand.

The Project is organized into three modules that follow the four common modules in which faculty departments work together.

MODULE 1 - Deduction
It aims to reveal the inquiries to be made on the urban scale through research, analysis (conceptual, contextual, functional, atmospheric) mapping techniques and diagrams related to the area.

In this context, the project concept layout is expected to develop through the announced theme and the analysis made on the field. In addition, it is expected to determine the functioning model of the ecological campus to be formed of 50 students.

MODULE 2 - Induction

Within the scope of Module 2, the aim is to examine the campus structure of 50 students on common living, working and production on the area defined in module 1 from a close scale. The concept data created this time will be studied at building scale and will be detailed. Each detail is aimed to create a concept identity for the building as a design element. In this module, besides the operation of the campus structure and the plan details, material and application decisions within the scope of the concept are also important.

MODULE 3 - Intersection
It aims to overlap the work done in the 1st and 2nd modules on the same workspace in the context of the scenario created. The expected result at the end of this module will be the final product delivery.
The living spaces produced in the second module are designed over a structure by questioning their own relations through the researches made in the first module. Including the scenarios drafted for the semi-open and open social areas within the ecological settlement also support project formation. The expected result at the end of this module will be the final product delivery.

COMMON MODULE
This common module will be held within Project III of the Foundation Studio for two studio meetings of the first week of the Fall semester of the 2020-2021 academic year. The activities of Common Module are designed to bring the knowledge and professional outlook of the academic disciplines including architecture, urban and regional planning, industrial product design. Altogether, the instructors will provide a learning environment for students from these three departments. Attendees will work on common design problems, be expected to apply the knowledge and use the skills acquired via their respective project experience from their previous semester.

The main objective of the studio is to revisit the concept of “Social Life and Space in Ecological Settlements” in its historical formation, development of typologies and identities, contextual framework, as well as the radical breaks that critically experiment with the notion of social spaces and enrich the possibilities to provoke new architectural potentials for displaying “place identity”.

SEMINARS AND WORKSHOPS

An interdisciplinary seminar & discussion will be conducted in order to discover the study area through examination of the secondary data, definition of problems, and expectations from the field trip. In addition, in each module several defined workshops related to the aim and focus of the modules will take place throughout the studio process. Workshops will consist of four main aspects according to the four modules in general. The first one focuses on environmental analysis. The second one is about conceptual design approaches in architecture. The third one will focus to initiate and develop the program and design alternatives. The fourth and last

aspect will enable the students to present reflections of interactive, interdisciplinary learning on the individual end-products. While doing so, the students are expected to study different visual presentation techniques. Workshops will involve either individual or group work according to different objectives of the tasks.

OTHER ACTIVITIES Other activities such as lectures, seminars, watching film, juries are considered to support ongoing projects during the semester. The outcomes of these activities are exhibited in colloquium at the end of the semester. The participation to these outings and other activities are mandatory.

STUDIO Studio is a production space where all students learn from each other through discussions and presentations. During studio hours daily assignments will be given. The work produced will be shared and discussed in order to discover critical qualities related to the problem at hand. Students will develop their work based on studio critiques through home works which in turn will be discussed in the next studio hour. Students are responsible to discover the best means to communicate their ideas using drawings and models.

DISCUSSION The works are commonly discussed in order to develop proposals of the students. Thus, the students are expected to develop a critical thinking perspective.

PROJECT DIARY The students are expected to keep a written/visual log of their design process in a project diary; where they keep their sketches, notes and ideas regarding their projects. These project diaries will be included in the assessment process. The students are expected to use various techniques (drawings, diagrams, collages, writing etc.) in representing his/her ideas.

EXHIBITION The works will be exhibited as part of the course.

ATTENDANCE %80 attendance is a requirement for this course.

EVALUATION CRITERIA

	Activities	Quantity	Effects of Grading
ASSESSMENT CRITERIA (as announced in the Course Catalogue Form)	TERM GRADE (TERM WORK, JURIES, ACTIVE PARTICIPATION)	-	% 50
	COMMON MODULE	1	% 10
	FINAL SUBMISSION*	1	% 40

***Minimum requirements for final submission:**

_ Mappings and diagrams revealing research outcomes and various interpretations on individual design thoughts and decisions.

_ An adequate expression of individual architectural visions and proposals with a research on drawing techniques and orthogonal drawings including but not limited to plans, sections, elevations, axonometric drawings in appropriate scales

_ 3D expressions and models on different scales considering contextual and tectonic relations.

_ Storyboards, transcripts, serial sections, models, writing, etc. to explore and represent different aspects of design thoughts, decisions and proposals.

WEEKLY SCHEDULE

Week	Date	Subject	Content
1	1.03.2021	Main project - Module 1	Introduction to the Studio / Program and Contex
	4.03.2021	Common Module 1	Seminar (2p)
2	8.03.2021	Common Module 2	Seminar (2p)
	11.03.2021	Common Module 3	Seminar (1p - discussion)
3	15.03.2021	Main project - Module 1	DEDUCTION - Research, Analysis (Conceptual, Contextual, Functional, Atmospheric), Mapping techniques, Diagrams related to the ITU Lake area
	18.03.2021	Main project - Module 1	DEDUCTION - Research, Analysis (Conceptual, Contextual, Functional, Atmospheric), Mapping techniques, Diagrams related to the ITU Lake area
4	22.03.2021	Main project - Module 1	DEDUCTION - Introduction to concept design (Scale 1/1000-1/500)
	25.03.2021	Main project - Module 1	DEDUCTION - Introduction to concept design (Scale 1/1000-1/500)
5	29.03.2021	Main project - Module 1	JURY
	1.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
6	5.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
	8.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
7	12.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
	15.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
8	19.04.2021		HOLIDAY
	22.04.2021		HOLIDAY
9	26.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
	29.04.2021	Main project - Module 2	INDUCTION - Focusing on scale and structure, Plans sections models, physical models (Scale 1/200- 1/50)
10	3.05.2021	Main project - Module 2	INDUCTION - Detail Design in design, material, stairs, flooring, walls, facade
	6.05.2021	Main project - Module 2	INDUCTION - Detail Design in design, material, stairs, flooring, walls, facade
11	10.05.2021	Main project - Module 2	INDUCTION - Detail Design in design, material, stairs, flooring, walls, facade
	13.05.2021		HOLIDAY (RAMAZAN)
12	17.05.2021	Main project - Module 2	JURY
	20.05.2021	Main project - Module 3	INTERSECTION - module1 and module 2 - Designing the relationship and socializion - structure, plans, section, models and socializing
13	24.05.2021	Main project - Module 3	INTERSECTION - module1 and module 2 - Designing the relationship and socializion - structure, plans, section, models and socializing
	27.05.2021	Main project - Module 3	INTERSECTION - module1 and module 2 - Designing the relationship and socializion - structure, plans, section, models and socializing
14	31.05.2021	Main project - Module 3	INTERSECTION - module1 and module 2 - Designing the relationship and socializion - structure, plans, section, models and socializing
	3.06.2021	Main project - Module 3	INTERSECTION - module1 and module 2 - Designing the relationship and socializion - structure, plans, section, models and socializing
15	7.06.2021	Common Module 3	COMMON MODULE - JURY
	10.06.2021	Main project	FINAL JURY

REFERENCES

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15. Url 1: https://www.footprintcalculator.org/