COURSE INFORMATON

Course Title	Code	Semester	L+P Hour	Credits	ECTS
Architectural Representation	ARCH 514	-	3+0	3	7

Prerequisites	-

Language of Instruction	English
Course Level	Master program
Course Type	Elective
Course Coordinator	-
Instructors	
Assistants	-
Goals	The main aim of the course is introducing representation techniques for master studies. Representation in architecture is one of the classic questions that has been dealt with throughout history but which acquired a cultural relevance in the latter half of the 20th century that has been latently maintained till the present. The course aims to investigate new representation forms within the perspective of analytical processes such as semiotics or iconography, putting the tools on the table for fully dealing with the subject of representation.
Content	Definition of representation in architecture as a tool. Redefining 2D drawing techniques such as plans, sections and elevations as the main communication media for the profession of architecture. Addition to these techniques, computer based representation techniques. Effects of these computer based techniques on perception of space. Analytical processes such as semiotics or iconography are incorporated, putting the tools on the table for fully dealing with the subject of representation.

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
The ability to search for the architectural data in a scientific way.	3, 7, 8	1,2,3,4,5,6	A
The ability to represent the architectural data collected and searched in an analytical way.	11, 14, 15, 17	5, 6	B, C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 4: Seminar, 5: Project, 6: Teamwork; 7:Technical excursion
Assessment Methods:	A: Testing, B: Jury, C: Homework, D:Quiz

	COURSE CONTENT	
Week	**Topics**	**Study Materials**
1	Definition of representation in architecture.	
2	What is architectural data? Effects of the architectural data in design process.	
3	How to search the architectural data.	
4	Definition of the Project, setting the layout, setting the research methods.	
5	Presentation and Re-presentation in architecture in the World.	
6	Presentation and Re-presentation in architecture in Turkey.	
7	Technical excursion	
8	Seminar presentations	
9	Seminar presentations	
10	Seminar presentations	
11	The relation between the data and the representation technique.	
12	Project development	
13	Project development	
14	Project development	
14	Finalising the project and summary of the course	

RECOMMENDED SOURCES	
Textbook	-
Additional Resources	

MATERIAL SHARING	
Documents	
Assignments	
Exams	

ASSESSMENT

IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms	-	
Quizzes	-	
Project	1	30
Seminar and presentation	2	40
Assignment		
Final	1	30
Total		**100**
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		30
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		70
Total		**100**

COURSE CATEGORY	Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAM							

No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Acquires knowledge of and comprehends socio-economic and spatial elements, and processes which necessitates urban design and also involves outputs of design projects.					
2	Has the competence for producing a comprehensive architectural project from the beginning of schematic design to detailed system development phase (structural and environmental systems, safety and fire protection, partition systems, building envelop, building service systems).					
3	Has the ability to employ the experience gained from architectural building to new fields and generate strategies.			x		
4	Has the knowledge of approaches, models and techniques which will improve the efficiency in managerial tasks and management of an architectural project and construction.					
5	Has the knowledge of principles of the modern load-bearing systems and application methods.					
6	Has the ability to transfer and apply architectural knowledge to design and application processes.					
7	Has the ability to employ theoretical and practical field-related knowledge with reference to their undergraduate competence.					
8	Has the ability to conduct research, evaluate, make critical analysis, employ appropriate techniques and reach unique results.					
9	Has the competence of relating to project and construction processes, analyzing and evaluating within the framework of architectural structure.					

10	Has the competence of taking strategic decisions of an architectural project and generating unique architectural solutions.				
11	Has the competence of systematically presenting a work- carried out individually or as a group work- visually, orally and in written by employing required computer programs.				x
12	Has the knowledge of relation of urban design with architecture and other fields of expertise.				
13	Has the ability to prepare urban design project and/ or research by employing his/her knowledge and generating new methods and ideas.				
14	Has the ability to include socio-economic and spatial criteria into design process.				x
15	Has the ability to conduct research, acquire knowledge, make analysis and synthesis, and use those for unique outputs.				x
16	Has the competence of managing a project in urban design field individually.				
17	Has the competence of conducting a unique academic/ scientific study, presenting it and discussing it on a dialectic basis.				

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 14x Total course hours)	14	3	42
Hours for off-the-classroom study (Pre-study, practice)	10	4	40
Mid-terms			
Quizzes			
Project	5	10	50
Seminar and presentation	2	25	50
Assignment			
Final examination	1	5	5
Total Work Load			879
Total Work Load / 25			7.48
ECTS Credit of the Course			7