

Marmara University / Faculty of Architecture and Design / Department of Architecture	
Asst. Prof. Hatice İşıl Uysal	<h2>Architectural Communication II: Architectural Drawing</h2>
2024-2025 Spring Semester	

Instructor e-mail	isil.uysal@marmara.edu.tr
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Course Information	Code	ARCH1006
	Semester	2
	Hour (T+P)	1+2
	ECTS	4
	Course Type (Required / Elective)	Required
	Prerequisites	ARCH1005 Architectural Drawing I
	Language of Instruction	English

**Course Goals**

The aim of this practice-based course is to focus on specific methodologies of architectural design, culture, communication, and production language. It involves the intensive study of the concept of projection, parallel projection methods, conic perspective drawing techniques, diagram, mapping, sketching, notation, annotation, information modeling, and other visualization, modelling and representation methods. The objectives of the course include acquiring knowledge and skills in technical documentation, oral and visual communication, and presentation, with an emphasis on developing proficiency in projection techniques and various forms of visual representation.

**Course Content**

The course encompasses the translation and representation of both material and immaterial elements, written and visual documentation and presentation, as well as reading and interpretation of the represented and documented materials. The utilization and distinctions in the use of architectural representation methods for both design and communication purposes are examined. The course delves into the utilization of architectural communication mediums, tools, and materials in accordance with the methods defined within the scope of the course. This encompasses the exploration of the concepts of space, time, movement, material, character, layer, boundary, surface, object, detail, environment, architectural and system components, intersection, superposition, projection, simple and complex geometries, measurement, scale, proportion, size, distance, level, direction, hierarchy, annotation, and rendering. These topics are addressed through practices focusing on the relationships between design and representation. Emphasis is placed on the creation of representation and documentation series and sets, as well as the generation of knowledge through representation and documentation.

Learning Outcomes	Knowledge regarding architectural communication methods	1
	Ability to perform geometric readings of the environment and translate the readings into architectural communication environments	2
	Ability to read and interpret what is produced and represented in architectural communication environment	3
	Ability to establish the relationship between design idea and architectural representation, to be able to transfer, interpret and develop design idea through representation methods	4
	Ability to produce documents containing written and visual information within architectural communication environments	5
	Knowledge and practice of parallel projection and perspective drawing methods, diagram, mapping, sketching, notation, annotation, information modeling, and other visualization, modeling, and representation methods within architectural communication environments	6
	Mastery of the conceptual language of architectural communication environments	7
	Utilizing architectural communication environment, tools, and materials in a hybrid manner	8

Evaluation Criteria	<b>Components</b>	
	<b>MIDTERM GRADE</b> <i>The total grade obtained with the contribution of the following components is the MIDTERM GRADE.</i>	
	Midterm Submission	20%
	Sketchbook& Sketch Exam	20%
	<b>FINAL GRADE</b> <i>The total grade obtained with the contribution of the following components is the FINAL GRADE.</i>	
	Final Submission	40%
Sketchbook& Portfolio	20%	
<b>TOTAL GRADE (Course Success)</b> <i>MIDTERM GRADE %40+ FINAL GRADE %60</i>		
<b>100%</b>		

**Notice**

Students must actively participate to the class at least 80% of the time. In order to take the final semester/year exams of the course (including the case of repeating the course), at least 80% attendance must be achieved. For the submissions to be evaluated, it is mandatory to comply with the deadline dates, hours and presentation formats announced during the course. In order to complete the course successfully, the final submission must be made; and the Final Grade must be at least 50 points out of 100.

Schedule				
Week 1	<b>Introducing the Course Structure and Content</b> Architectural Communication Techniques, Information Modelling and Annotation	In Class Work 1: Section Drawing and Annotations	Research on topographical interventions	
Week 2	Experiencing with Orthographic Drawing and Perspective	In Class Work 2: Speculative Sections& Speculative Perspectives	Research on topographical interventions	
Week 3	Experiencing with Parallel Projection: Axonometric and Oblique	In Class Work 3: Reading Balkrishna Doshi's Architectural Surfaces X Speculating About a Familiar Corner in Dragos Campus	Research on loft design	
Week 4	<b>Introducing the Loft Design Project</b> Sketch Exam: Variations of Topographical Interventions		LOFT DESIGN	
Week 5	Practicing the Topography			Reading, Scaling, Drawing, Modelling, Rendering and Entangling
Week 6				
Week 7	Drafting			
Week 8	Design Proposal (Draft Submission)	Site Plan and Modelling Design Development (DD)		
Week 9	<h2>Midterm Submission</h2>			
Week 10	Drafting			
Week 11	Discussions on the Orthographic Drawing Set: Communication through Graphic Display, Annotations, Modelling and Rendering			Site Plan and Modelling Design Development (DD)
Week 12				Design Development (DD)
Week 13				Design Development (DD)
Week 14	Detailing			Detailing
Week 15				Detailing
Week 16	Drafting			
Week 17	Communication through Information Modelling			Detailing
Week 18	<h2>Final Submission</h2>			
Recommended References				
Architectural Ethnography, Atelier Bow-Wow Architectural Representation and the Perspective Hinge, Alberto Perez-Gomez ve Louise Pelletier. Architecture In the Age of Divided Representation, Dalibor Vesely. NEUFERT Translations From Drawing To Building And Other Essays, Robin Evans.				
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