COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Representation Techniques	DSGN 109	1	**Theory** 2	**Practice** 2	3	4
Course Type	Compulsory Courses	Department Elective	Faculty Elective	University Elective	CoHE (YÖK) Compulsory	Other
	x					
Level of Course	Associate Degree (Short Cycle)		Undergraduate (First Cycle)		Graduate / Doctoral (Second / Third Cycle)	
			x			

Language of Instruction	English

Course Instructor(s)	Assist. Prof. Dr. Olgica Grcheva	E-mail : olgica.grcheva@arucad.edu.tr Office : TI - OFF20
Course Objectives	This first-year core course establishes the foundations of visual communication for design students. It focuses on developing sketching, drawing, and presentation techniques as essential skills for articulating and exploring design ideas. Students are introduced to methods of graphic expression that support both conceptual thinking and clear design representation. Throughout the course, students practice freehand drawing, explore scale and proportion, and learn to organize compositions effectively, transforming the challenge of the “empty” page into structured and meaningful design outcomes. They gain the ability to transfer visual perception onto paper, integrate diverse presentation techniques, and coordinate graphic arrangements that strengthen design communication. Upon completion, students will have developed a strong visual language and an understanding of visual and design thinking as core tools in their education. These skills form a foundation for all subsequent design studio courses and remain integral to their future professional practice in architecture and interior design	
Course Learning Outcomes	**Students will be able to:**	**Teaching Methods** / **Evaluation Methods**
	Remembering: Identify and describe basic visual elements and principles of graphic representation.	Emphasis on process-oriented exercises and / Workshop, Class discussions, sketching

		continuous feedback	
	Understanding: Explain the relationship between sketching, isometric and perspective composition, and communication in design.	Demonstrations and Visual Lectures: Introduction to freehand, technical, and compositional techniques	Class discussions, weekly classwork and homework assignments
	Applying: Apply freehand drawing techniques to represent design ideas accurately and expressively.	Weekly Practice, Assignment documentation, and observation drawing	In-class composition drawing and classwork and homework assignments
	Analyzing: Evaluate and improve drawings through consideration of scale, proportion, and visual balance.	Encourage reflective learning and collaborative improvement	Peer critiques, instructor feedback sessions
	Evaluating: Critically assess presentation methods and justify visual communication choices.	One-on-one consultations; Individual progress guidance and targeted feedback	Midterm portfolio submission Final portfolio submission
	Creating: Produce cohesive poster design presentations integrating multiple drawing and representation techniques.	Workshop, focusing on proportion, perspective, and visual hierarchy	Midterm portfolio submission Final Poster Design and portfolio submission
Course Content	Students will develop their skills in: • Freehand drawing and sketching (pen, pencil, markers, etc.) • Transferring visual perception (composition) into drawing concepts on a specific paper format • Understanding scale, proportion, order, layers • Use of isometry, axonometric, perspective (in varieties) in the process of design • Combining different presentation materials for better understanding and explaining different design concepts		

	• Application and combination of mixed presentation techniques with printouts for better materialization and presentation of their design concepts and ideas Within the course, sketching and drawing will stay the following skill of design students. Applicability of the knowledge from the course is expected to be used in each and every design or even theoretical course till the finishing stages of education in general and further praxis as well.

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Introduction to the course and syllabus.	T	Preparation is not required.
2	Freehand drawing for architects + WORKSHOP **Assignment 1**	T/P	See the required reading.
3	Introduction: Composition perception and pencil drawing of simple arrangements of geometrical objects (use of isometric drawings) **Assignment 2**	T/P	Preparation is required.
4	Scaling and arranging a composition: creation of composition by free selection of simple geometrical elements (conceptual drawings) **Assignment 3**	T/P	Preparation is required.
5	Perspective introduction: line, render and shade: pencil freehand drawing techniques (studio work on geometrical objects)- depth, light and space in presentation with perspective **Assignment 4**	T/P	Preparation is required.
6	**Review of classworks and homeworks**	T/P	Preparation is required.

7	**Preparation of midterm portfolio**	T/P	Preparation is required.
8	**Submission of midterm portfolio**	T/P	Preparation is required.
9	Drawing techniques on paper (studio work on given precedents) - perspective conceptual drawings **Assignment 5**	T/P	Preparation is required.
10	Plans, Elevations and sections: use of different drawing tools and techniques for advanced architectural presentation of greenery in the design (working on precedents) **Assignment 6**	T/P	Preparation is required.
11	Use of different transparent markers in graphic presentation of architecture design - combining techniques for better presentation (idea, concept, building) **Assignment 7**	T/P	Preparation is required.
12	Use of different techniques in graphic presentation of architecture design- combining techniques for better presentation (idea, concept, building) / framing an outdoor composition (building) **Assignment 8**	T/P	Preparation is required.
13	Finalizing and rendering the framed compositions and perspectives (mixed technique) **Assignment 8** **Final Assignment 9 Explanations**	T/P	Preparation is required.
14	**Review and Final Posters Preparation**	T/P	Preparation is required.
15	**Final Posters Preparation**	T/P	Preparation is required.
16	**FINAL EXAM**		

Required Course Material(s) / Reading(s)/ Text Book(s)	A4 and A3 sketch papers (B2/B4 drawing pencils + transparent markers, liners 0.5, eraser, colorful pencils) Ching, F. D. K., & Binggeli, C. (2018). Interior Design Illustrated (3rd ed.). John Wiley & Sons, **Call number: NA2850 .C45 2018**

Recommended Course Material(s)/ Reading(s) /Other	Ching, F. D. K. (1996). Architectural Graphics (6th ed.). John Wiley & Sons, **Call number: NA2700.C45.A734 1996** Ching, F. D. K. (2015). Architecture: Form, Space, & Order (5th ed.). John Wiley & Sons, **Call number: REF NA2760 .C46 2015**

ASSESSMENT		
Learning Activities	**NUMBER**	**WEIGHT in %**
Mid-Term	1	40
Quiz		
Assignment		
Project		
Field Study		
Presentation / Seminar		
Studio Practice		
Other		
Contribution of Final Examination/Final Project/ Dissertation to the Final Grade	1	60
TOTAL		100

CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME LEARNING OUTCOMES						
No	**PROGRAMME LEARNING OUTCOMES**	Level of Contribution (1- lowest/ 5- highest)				
		1	2	3	4	5
1	Understand architectural history, theory, and cultural heritage, including the relationship between local/vernacular traditions and global architectural discourse.	X				
2	Understand the technical knowledge and the principles of structural systems, building technology, environmental performance, and construction processes as integrated components of architectural design.	X				

3	Comprehend sustainability, ecological sensitivity, and climate-responsive design principles and their application across different scales of the built environment.	X				
4	Recognize the legal, ethical, and professional frameworks governing architectural practice, including relevant codes, standards, universal ethical values, and the principles of project management and cost estimation.	X				
5	Apply creative and critical design thinking to develop holistic architectural solutions that respond to spatial, environmental, cultural, and social challenges at local, national, and global scales.			X		
6	Produce professional drawings, models, technical documentation, and digital/parametric visualizations that effectively communicate architectural proposals at all stages of design.					X
7	Conduct systematic, evidence-based research and apply critical evaluation methods to inform and validate design decisions throughout the design process.			X		
8	Integrate interdisciplinary knowledge — spanning art, engineering, ecology, and social sciences — to produce innovative and contextually sensitive design outcomes.	X				
9	Demonstrate professional and ethical responsibility, with sensitivity to environmental sustainability, socio-cultural diversity, and the well-being of communities served by architectural practice.	X				
10	Collaborate effectively in interdisciplinary and intercultural teams, demonstrating leadership, communication, and project management competencies in design and professional contexts.		X			
11	Communicate architectural ideas persuasively and clearly in verbal, visual, and written form to professional, academic, client, and public audiences.					X
12	Engage in continuous self-reflection, lifelong learning, and active contribution to the evolving architectural profession at local, regional, and international levels.			X		

ECTS / STUDENT WORKLOAD				
ACTIVITIES	**NUMBER**	**UNIT**	**HOUR**	**TOTAL (WORKLOAD)**
Course Teaching Hour (X weeks * total course hours)	15	1	4	60
Preliminary Preparation and self- study	15	1	2	30
Mid-Term	1	1	8	8
Quiz				

Assignment				
Project				
Field Study				
Presentation / Seminar				
Studio Practice				
Final Examination/ Final Project/ Dissertation	1	1	10	10
Other				
TOTAL WORKLOAD				108
TOTAL WORKLOAD / 115/25				4.32
ECTS				**4**

ETHICAL RULES WITH REGARD TO THE COURSE

Plagiarism Disclaimer
Detected and undetected plagiarism is a serious offense at any time and can have devastating effects on your degree results and future professional life.
Plagiarism is easy to avoid if you ensure that you properly identify and acknowledge your sources and do not copy directly from visual examples, designs, or notes that have themselves been taken word-for-word from your sources.

SDG 1: No Poverty	
SDG 2: Zero Hunger	
SDG 3: Good Health and Well-Being	
SDG 4: Quality Education	X
SDG 5: Gender Equality	
SDG 6: Clean Water and Sanitation	
SDG 7: Affordable and Clean Energy	
SDG 8: Decent Work and Economic Growth	
SDG 9: Industry, Innovation and Infrastructure	

	SDG 10: Reduced Inequalities	X
	SDG 11: Sustainable Cities and Communities	
	SDG 12: Responsible Consumption and Production	
	SDG 13: Climate Action	
	SDG 14: Life Below Water	
	SDG 15: Life on Land	
	SDG 16:Peace, Justice and Strong Institutions	
	SDG 17:Partnership for the Goals	

ASSESSMENT DETAILS AND EVALUATION CRITERIA:	
Final grades will be determined based on the course learning activities and the assessment details for the final examination or project, as outlined below, in accordance with the University's Education and Examination Regulations. Students are required to attend at least 70% of the classes. The maximum allowable absenteeism is 30%. Midterm Submission: 40% Final Submission: 60%	
PREPARED BY	Asst. Prof. Dr. Olgica Grcheva
UPDATED	20.10.2025
APPROVED	