COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Design Communication 1	DSGN 103	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)	Asst. Prof. Dr. Nazgol Hafizi	E-mail: nazgol.hafizi@arucad.edu.tr Office: TI OFF06
Course Objectives	This introductory course is designed to cultivate students' expertise in design drawing and visualization by exploring fundamental concepts of perception, freehand drawing, orthographic, and paraline drawing. The primary objective of this course is to enhance students' visual communication abilities through the application of various concepts and techniques.	
Course Learning Outcomes	**Students will be able to:**	**Teaching Methods** / **Evaluation Methods**
	Define visual communication terminology and **describe** the fundamental principles of orthographic, paraline, and perspective projection systems.	Direct instruction technique, Demonstration method / Midterm Exam, Studio Practice
	Explain the relationship between different drawing views (plan, section, elevation) and their role in representing three-dimensional objects.	Direct instruction technique, Demonstration method / Midterm Exam, Studio Practice
	Apply orthographic projection techniques to create multi-view drawings (top, side, front, and left views) of	Studio sessions, Step-by-step drawing exercises / Midterm Exam, Studio Practice

	3D volumes with hidden lines.		
	Apply isometric construction methods to **produce** paraline drawings of objects.	Studio sessions, Hands-on practice exercises	Midterm Exam, Final Exam
	Produce perspective drawings using single vanishing point and double vanishing point techniques to represent spatial environments realistically.	Studio sessions, Perspective construction exercises	Final Exam
	Classify and **compare** different drawing systems (orthographic, paraline, perspective) based on their appropriate application contexts and visual communication effectiveness.	Discussion, Case study analysis	Final Exam
Course Content	DSGN103 serves as an introduction to design drawing and visualization, focusing on fundamental concepts and techniques essential for effective visual communication in design. This course aims to cultivate students' expertise in various drawing methods, including freehand drawing, orthographic projection, paraline drawing, and perspective drawing.		

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Visual Communication and the Design Process. Introduction to the course. Introduce the equipment, line and lettering.	T	See required reading.
2	Introduce the orthographic projection drawing (top, side, front) with model making.	T/P	See required reading.
3	Orthographic projection drawing (top, side, front, and left view) with hidden lines	T/P	See required reading.
4	Orthographic projection drawing. Introduction to plans and sections.	P	See required reading.
5	Orthographic projection drawing. Plan and section	T/P	See required reading.

6	Orthographic projection drawing. Plan and section	T/P	See required reading.
7	Self-Evaluation. Plans and sections.	P	See required reading.
8	Introduction to the isometric view **Midterm Exam**	T/P	See required reading.
9	Isometric view	T/P	See required reading.
10	Isometric practice with Circle	T/P	See required reading.
11	Isometric practice with Circle	P	See required reading.
12	Introduction to the principles of perspective drawing (one point and two points).	T/P	See required reading.
13	Principles of perspective drawing (one point and two points).	T/P	See required reading.
14	Self-Evaluation.	T/P	See required reading.
15	Review.	P	
16	**Final Exam Week**		

Required Course Material(s) / Reading(s) / Text Book(s)	Ching F. D. K. (1996). Architectural Graphics. Hoboken, N.J: John Wiley & Sons Inc. **Call number: NA2700.C45.A734 1996** Ching F. D. K. (2015). Architecture Form, Space, & Order. Hoboken, New Jersey: John Wiley & Sons. **Call number: REF NA2760 .C46 2015**
Recommended Course Material(s) / Reading(s) / Other	

ASSESSMENT		
Learning Activities	**NUMBER**	**WEIGHT (%)**
Mid-Term	1	40
Quiz		
Assignment		
Portfolio		
Field Study		
Presentation / Seminar		
Studio Practice		
Other (class participation)		
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 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 / Practice Hour (weeks/total course hours)	15	1	4	60
Self-study	15	1	2	30
Midterm Exam	1	1	10	10
Quiz				

Portfolio				
Field Study / Project				
Final Exam	1	1	10	10
TOTAL WORKLOAD				110
TOTAL WORKLOAD / 25				4.4
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	
	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 Sketch Exam: 40% Final Sketch Exam: 60%	
PREPARED BY	Asst. Prof. Dr. Tina Davoodi
UPDATED	Asst. Prof. Dr. Nazgol Hafizi (30. 09. 2025)
APPROVED	