COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Design Communication 1	INAD 103	1	**Theory** 2	**Practice** 2	3	6
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 develop students' skills in design drawing and visual representation by introducing the fundamental concepts of perception, orthographic drawing, and paraline drawing. The primary objective of the course is to enhance students' visual communication skills through the application of a range of drawing methods, concepts, and visualization 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 architectural objects.	Direct instruction technique, Demonstration method / Midterm Exam, Studio Practice
	Apply orthographic projection techniques to create multi-view	Studio sessions, Step-by-step drawing exercises / Midterm Exam, Studio Practice

	drawings (top, side, front, and left views) of 3D volumes with hidden lines.		
	Apply isometric and axonometric construction methods to **produce** paraline drawings of architectural objects and spaces.	Studio sessions, Hands-on practice exercises	Midterm Exam, Final Exam
	Organize plans and sections to communicate spatial relationships and technical details of architectural designs accurately.	Studio sessions, Technical drawing practice	Midterm Exam, Final Exam
	Produce perspective drawings using single vanishing point, double vanishing point, and multi-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	This course introduces the fundamental principles of technical drawing. It develops students' ability to produce accurate technical drawings, including orthographic projections and three-dimensional representations. Emphasis is placed on applying graphic communication techniques and drafting skills to effectively communicate the spatial, visual, and technical aspects of architectural and interior design projects.		

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Visual Communication and the Design Process.	T	See required reading.

	Introduction to the course. Introduce the equipment, line, and lettering.		
2	Introduce 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-point).	T/P	See required reading.
13	Principles of perspective drawing (one-point and two-point).	T/P	See required reading.
14	Self-Evaluation.	T/P	See required reading.
15	Review.	P	
16	**Final Exam period**		

Required Course Material(s) / Reading(s) / Text Book(s)	Ching, F. D. K. (1996). *Architectural graphics*. John Wiley & Sons. **CALL NUMBER: NA2700.C45.A734 1996** Ching, F. D. K. (2015). *Architecture: Form, space, and order* (4th ed.). 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

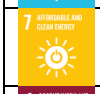
No	**PROGRAMME LEARNING OUTCOMES**	**Level of Contribution (1 = lowest / 5 = highest)**				
		1	**2**	**3**	**4**	**5**
KNOWLEDGE *Understanding and knowing — theoretical, historical, and conceptual foundations*						
1	Demonstrate comprehensive knowledge of visual and spatial design language, encompassing fundamental principles of form, function, space, material, ergonomics, ecology, and society, as well as technical knowledge, in the production of human-centered interior environments.		**X**			
2	Critically engage the history of interior architecture, art, and design, drawing on research methodologies to inform culturally sensitive and contextually grounded design practice.	**X**				
3	Understand interior architecture as a holistic and interdisciplinary profession, articulating the relationship between spatial design, architecture, art, and environmental stewardship.	**X**				
4	Understanding of theoretical, historical, cultural, ecological, and universal accessibility dimensions of interior design to inform responsible, inclusive, and environmentally conscious spatial decision-making.	**X**				
SKILLS *Doing and making — technical, creative, and methodological abilities*						
5	Develop and communicate design concepts through diverse visualization tools — including hand drawing, and digital modeling — demonstrating competency in contemporary representational technologies for professional design communication.			**X**		
6	Produce technically proficient sketches, technical drawings, and documentation according to professional standards, applying both analog and digital tools in spatial problem-solving.					**X**
7	Apply systematic, research-based critical thinking in design processes and problem-solving, addressing contemporary spatial and ergonomic demands with research-driven design strategies.		**X**			
8	Produce design models, cost estimations, and technical documentation for project realization, incorporating sustainable design strategies and adaptive reuse methodologies for heritage and contemporary environments.	**X**				
COMPETENCIES *Professional behavior and attitude — ethical, creative, and lifelong practice*						

9	Articulate a personal creative vision and present design proposals verbally, visually, and textually across a range of media, upholding the high standards of creative excellence, considering legal and ethical practices.		**X**			
10	Demonstrate commitment to continuous self-development, lifelong learning, and professional ethics, contributing to the cultural and intellectual enrichment of local, regional, and global communities.		**X**			
11	Demonstrate proficiency in innovative design tools and emerging technologies, integrating traditional craftsmanship with contemporary digital methods to expand the boundaries of interior spatial design.	**X**				
12	Collaborate effectively in interdisciplinary and intercultural teams, demonstrating leadership, communication, and project management competencies in design and professional contexts.	**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	4	60
Midterm Exam	1	1	14	14
Quiz				
Portfolio				
Field Study / Project				
Final Exam	1	1	16	16
TOTAL WORKLOAD				150
TOTAL WORKLOAD / 25				6
ECTS				**6**

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%. **Mid-term exam 40%** **Final exam 60%**	
PREPARED BY	Asst. Prof. Dr. Tina Davoodi
UPDATED	Asst. Prof. Dr. Nazgol Hafizi (30. 09. 2025)
APPROVED	