COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Introduction to Architectural Design	ARCH 107	1	**Theory** 3	**Practice** 0	3	3
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)	Assoc. Prof. Dr. Soad Abokhamis Mousavi	E-mail: soad.mousavi@arucad.edu.tr Office: TI-OFF18
Course Objectives	Introduction to Architectural Design (ARCH107) serves as a gateway into the dynamic world of architecture, offering students an immersive introduction to the profession and its foundational principles of design. This course provides a comprehensive overview of contextualizing the role of architects within society and the built environment. Through engaging lectures, discussions, and hands-on exercises, students will explore the key elements of design, including form, function, space, scale, and context. Emphasizing both historical precedents and contemporary approaches, ARCH107 encourages critical thinking and creative expression in architectural design. By the end of the course, students will have developed a deeper understanding of the multifaceted nature of architecture and its transformative potential in shaping our world.	
Course Learning Outcomes	**Students will be able to:**	**Teaching Methods** / **Evaluation Methods**
	Define and describe the basic design principles and elements.	Group discussions, Lectures / Midterm project submission, final exam
	Explain and **apply** foundational architectural knowledge and design skills to become responsible and thoughtful future designers	Group discussions, Lectures / Midterm project submission, final exam
	Demonstrate familiarity with fundamental concepts and vocabulary of architecture.	Group discussions, Lectures / Midterm project submission, final exam

	Explain, interpret, and discuss the scope and purposes of architecture as a discipline and profession.	Group discussions, Lectures	Midterm project submission, final exam
	Identify basic elements and principles of design.	Group discussions, Lectures	Midterm project submission, final exam
	Relate architecture to its artistic, technological, contextual, and environmental aspects.	Group discussions, Lectures	Midterm project submission, final exam
	Evaluate and interpret environmental aspects of design, applying sustainable principles to enhance climate resilience and ecological balance.	Sustainable design lectures, Group discussions	Midterm project submission, final exam
Course Content	This course is mainly theoretical. It will include a series of lectures to overview of the meaning of architectural terminology, profession, and its role in society. Additionally, the fundamental Design Principles (Gestalt) will be profoundly elaborated and discussed through basic exercises and research regarding their application. This course content provides a comprehensive introduction to the foundational concepts and practices in architecture, form, function, space, scale, and context.		

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Overview of the course and introduction	T	None
2	**Essential Terminologies:** Concept, Context, Elements, 2 Dimensional Space, 3 Dimensional Space.	T	None
3	**Introduction to Design Principles:** Contrast, Balance, Emphasis, Hierarchy, Proportion, Repetition, Rhythm, Pattern, White Space, Movement, Variety, Unity. Discussions	T	Architectural Graphics Francis D. K. Ching Architects Data – Neufert
4	**2 Dimensional composition design:** Elements: Line, Plane, Point, Surface, Color, Texture, Grid.	T	None
5	**3 Dimensional Composition Design**: Elements: Surface, Lines, Colours. Discussions	T	None

6	Presentations on given topic and review	T	Required preliminary preparation
7	Presentations on given topic and review	T	Required preliminary preparation
8	Presentations on given topic and review **(Midterm Project submission)**	T	
9	**How to start Design in Architecture? Related Keywords and Terminologies:** Observation, Knowledge, Conceptualization, Context, Scenario, Design Decision, Principles, Critical Thinking Discussions	T	None
10	Fundamental Design Principles – **Related Terminologies:** Spatial, Space, function, concept, solid and void. Discussions	T	None
11	Fundamental Design Principles – **Related Terminologies:** Gestalt, figure and ground. Discussions	T	None
12	Research on given topic and discussions	T	Required preliminary
13	Fundamental Design Principles – Light, Texture	T	None
14	Research on given topic and discussions	T	Required preliminary preparation
15	Research on given topic and discussions	T	Required preliminary preparation
16	**Final Exams Week**		

Required Course Material(s) / Reading(s)/ Textbook(s)	Ching F. D. K. (2015). Architecture Form, Space, & Order. Hoboken, New Jersey: John Wiley & Sons. **Call No: REF NA2760 .C46 2015** Ching F. D. K. (1996). Architectural Graphics. Hoboken, N.J: John Wiley & Sons Inc. **Call No: NA2700.C45.A734 1996** Ching F. D. K., Ching F. D. & Eckler J. F. (2013). Introduction to Architecture. Hoboken, New Jersey: Wiley. **Call No: NA2520.C48 2013** Fine A., (2021). Color theory. London: Bloomsbury Visual Arts. **Call No: QC494.7. F55 2021** Russell S., (2008). The Architecture of Light. La Jolla, CA: Concept nine Print Media. **Call No: TH7703.R87 2008**
Recommended Course Material(s)/ Reading(s) /Other	(2020). Art fundamentals. Worcester, United Kingdom: 3dtotal Publishing. **Call No: ND1471 .A74 2020**

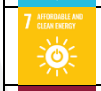
ASSESSMENT		
Learning Activities	**NUMBER**	**WEIGHT in %**
Mid-Term (Project)	1	40
Quiz	-	-
Assignment	-	-
Project	-	-
Field Study	-	-
Presentation / Seminar	-	-
Studio Practice	-	-
Other	-	-
Contribution of Final Examination/Final Project/ Dissertation to the Final Grade	1	60
TOTAL		100

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 theory and practice (X weeks * total course hours)	15	1	3	45
Midterm Project submission	1	1	20	20
Presentations	0	0	0	0
Final Exam (including preliminary preparation and self- study)	1	1	15	15
TOTAL WORKLOAD				**80**
TOTAL WORKLOAD / 25				3.2
ECTS				**3**

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

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 Project (40%)** and **Final Exam (60%)** marks will be combined to give an overall assessment mark for this course.	
PREPARED BY	Asst. Prof. Dr. Olgica Grcheva (20.09.2023)
UPDATED	(20.09.2023)- Soad Abokhamis Mousavi (September 2025)
APPROVED	