COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Architecture and Urban Design	ARCH448	7	**Theory** 3	**Practice** 0	3	5
Course Type	Compulsory Courses	Department Elective	Faculty Elective	University Elective	CoHE (YÖK) Compulsory	Other
		x	x	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. Saloumeh Khayyat Kahouei	E-mail: khayyat.kahouei@arucad.edu.tr Office: Eternal spring building, first floor, room 3
Course Objectives	To familiarize students with the core concepts, theories, and terminology that underpin urban design and urbanism. To build an awareness of how architecture, landscape, and other spatial disciplines intersect and inform one another. To provide students with the analytical methods needed to study and interpret urban environments. To encourage critical, solution-oriented thinking about contemporary urban issues. To lay the groundwork for more advanced coursework in urban design and planning.	

Course Learning Outcomes	**Learning Outcomes**	**Teaching Methods**	**Evaluation Methods**
	1. Identify and define fundamental theories, principles, and terminology of urban design and planning.	Lectures, visual presentations	Midterm exam
	2. Explain and interpret the interrelationships between architecture, landscape, and urban design disciplines.	Class discussions, comparative analysis	Midterm exam, class participation
	3. Apply analytical tools to evaluate urban morphology, spatial structure, and form.	Case study exercises, group analysis	Midterm and final exam
	4. Analyze the evolution of urban patterns and planning approaches in	Visual mapping, reading assignments	Midterm assessment

	historical and contemporary contexts.		
	5. Evaluate urban design models and frameworks in relation to social, cultural, and environmental contexts.	Group critiques, discussion-based learning	Final project evaluation
	6. Create analytical diagrams and conceptual representations to communicate urban ideas effectively.	Workshop-based exercises	Final project evaluation
	7. Develop and present an original urban design proposal that synthesizes site analysis and evaluation into a coherent design intervention.	Studio practice, design development sessions	Final project / presentation
Course Content	This course lays out the core theories, design principles, and analytical methods that architecture students need to engage critically with urban design. Starting from key urban theories and their historical roots, the course moves into how architecture, landscape architecture, and planning relate to and depend on one another. Along the way, students build hands-on urban analysis skills through case studies, mapping exercises, and group critique, while grappling with pressing contemporary urban challenges. Theory and practice come together in a term project that asks students to apply what they have learned to a real design problem. Overall, the course aims to give students an interdisciplinary grasp of how the built environment both shapes and is shaped by social, environmental, and economic forces, preparing them for more specialized work in urban design and planning.		

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Introduction to the course/ The products of architecture and the nature of urban design	T	See required reading
2	The Products of Architecture: Buildings	T	See required reading
3	Contextual Design	T	See required reading
4	Dimension of urban design /Morphological, perceptual and Visual Dimension of Urban Space	T	See required reading

5	Dimension of urban design /social. Functional and temporal Dimension of Urban Space	T	See required reading
6	Discussion on selected case studies /dimensions of urban design	T	See required reading
7	Introduction to Term project	Discussion on selected area	See required reading
8	**MID-TERM EXAM**	T	See required reading
9	Term project Submission of Site Analysis/accessibility	T	See required reading
10	Term project Morphological and Functional Dimension	T	See required reading
11	Term project Perceptual and Visual Dimension	T	See required reading
12	Term project Social and temporal Dimension	T	See required reading
13	Evaluating the selected area/ synthesis and proposal	T	See required reading
14	Pre-final submission	T	See required reading
15	**Final Exam**		

Required Course Material(s) / Reading(s)/ Text Book(s)	Vale, L. J. (2022). *Just urban design: The struggle for a public city*. MIT Press.**Call number HT166 .J87 2022** Smets, M. (2022). *Foundations of Urban Design*. Actar D, Inc. **Call number: HT166 .S5879 2022** Kasprisin, R. (2019). *Urban design: the composition of complexity*. Routledge.**Call number: HT166 .K359 2020**
Recommended Course Material(s)/ Reading(s) /Other	Alexander, C.(1977). A Pattern Language. Carmona, M. (2021). Public places urban spaces: The dimensions of urban design. Routledge Gehl, J. (2011). Life between buildings. Hall, P. (2014). Cities of tomorrow: An intellectual history of urban planning and design since 1880. John Wiley & Sons. Jacobs, J. (1992). Death and Life of Great American Cities, 1961. Lynch, K. (1964). The image of the city. MIT Press. Marcus, C. C., & Francis, C. (Eds.). (1997). People places: design guidelines for urban open space. John Wiley & Sons. Whyte, W. H. (1980). The social life of small urban spaces.

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

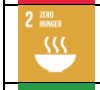
CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME LEARNING OUTCOMES

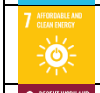
No	**PROGRAMME LEARNING OUTCOMES**	Level of Contribution (1lowest / 5-highest)				
		1	2	3	4	5
1	Understand architectural history, theory, and cultural heritage, including the relationship between local/vernacular traditions and global architectural discourse.				x	
2	Understand the technical knowledge 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 / Practice Hour (weeks/total course hours)	14	1	3	42
Preliminary Preparation and Self-study	14	1	2	38
Midterm exam	1	1	20	20
Presentation / Seminar				
Final Exam/project	1	1	25	25
TOTAL WORKLOAD				125
TOTAL WORKLOAD / 25				125/25
ECTS				5

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	X
	SDG 9: Industry, Innovation and Infrastructure	X
	SDG 10: Reduced Inequalities	X
	SDG 11: Sustainable Cities and Communities	X
	SDG 12: Responsible Consumption and Production	X
	SDG 13: Climate Action	X
	SDG 14: Life Below Water	
	SDG 15: Life on Land	X
	SDG 16:Peace, Justice and Strong Institutions	X
	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%** **Final project 60%**	
PREPARED BY	Asst. Prof. Dr. Saloumeh Khayyat Kahouei
UPDATED	February 2023
APPROVED	