COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Design of Open Green Spaces	INAD 334	2	**Theory** 3	**Practice** 0	3	5
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. Saloumeh Khayyat Kahouei	E-mail: khayyat.kahouei@arucad.edu.tr Office: Eternal Spring Building, first floor, Room 3
Course Objectives	By the end of this course, students will be able to understand the fundamentals of open green space design and to analyze, evaluate, and design open green spaces that respond to human needs, ecological sustainability, and the broader urban context.	

Course Learning Outcomes	**Learning Outcomes**	**Teaching Methods**	**Evaluation Methods**
	1. Define and describe the historical background, definitions, and human needs associated with green spaces.	Lecture; guided reading	Midterm exam
	2. Explain the relationship between green spaces, human beings, and the physical environment.	Lecture; class discussion	Midterm exam
	3. Discuss the impact of green spaces on urban sustainability and their role within the overall structure of the city.	Lecture; guided reading; class discussion	Midterm exam
	4. Analyze and classify the typologies and characteristics of open green spaces according to design criteria.	Lecture; comparative analysis exercises	Midterm exam; class discussion
	5. Apply fundamental design principles and design elements to	Lecture; studio design exercises	Design exercises; final project

	develop open green space design concepts.		
	6. Evaluate selected case studies of open green space projects against design and sustainability criteria.	Case study research; seminar discussion	Case study presentation
	7. Develop and present an original open green space design proposal that integrates spatial organization and sustainable design strategies.	Studio practice; design development sessions	Final project / presentation
Course Content	This course examines the design of open green spaces within the urban environment, beginning with their historical background, definitions, and the human needs they respond to. It then explores the relationship between humans and the environment, and the role of green spaces in urban sustainability and city structure, before introducing the main typologies and characteristics of green spaces. The second half of the course turns to design application, covering fundamental design principles, design elements, and spatial organization concepts for open green spaces. The course concludes with a case study component, in which students research, present, and critically evaluate national and international examples of open green space design.		

COURSE OUTLINE/SCHEDULE			
Week	**Topic**	**Implementation (theory/practice)**	**Required Reading, Preliminary preparation**
1	Introduction to the course	T	See required reading
2	Green spaces: importance and historical background	T	See required reading
3	Definition of green spaces and human needs	T	See required reading
4	Human and Environment	T	See required reading
5	Impact of the green spaces	T	See required reading
6	Urban green areas and sustainability	T	See required reading
7	Green spaces as a part of the city structure Midterm exam	T	See required reading

8	Green spaces typologies and characteristics	T	See required reading
9	Open green space design: basic principles	T	See required reading
10	Open green space design elements	T	See required reading
11	The design concept fundamental design and spatial organization concepts	T	See required reading
12	Introduction and discussion on selection of case studies	T	See required reading
13	Presentation of Case studies	T	See required reading
14	**Final exam**		

Required Course Material(s) / Reading(s)/ Text Book(s)	Friedman, A. (2020). *Fundamentals of sustainable urban design*. Springer Nature. **CALL NUMBER: NA2542.36 .F75 2021** Zimmermann, A. (2015). Planning landscape: dimensions, elements, typologies. In *Planning Landscape*. Birkhäuser. **CALL NUMBER: SB472.45 .Z561 2015**
Recommended Course Material(s)/ Reading(s) /Other	Rengel, R. J. (2014). *Shaping interior space* (3rd ed.). Bloomsbury Publishing. Spankie, R. (2009). *Basics interior architecture 03: Drawing out the interior*. AVA Publishing. Grafe, C., & Bollerey, F. (Eds.). (2007). *Cafés and bars: The architecture of public display*. Routledge.

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

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)	13	1	3	39
Preliminary Preparation and Self-study	13	1	3	39
Midterm exam	1	1	20	20
Presentation / Seminar				
Final Exam/project	1	1	27	27
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	**X**
	SDG 4: Quality Education	**X**
	SDG 5: Gender Equality	
	SDG 6: Clean Water and Sanitation	
	SDG 7: Affordable and Clean Energy	**X**
	SDG 8: Decent Work and Economic Growth	
	SDG 9: Industry, Innovation and Infrastructure	

	SDG 10: Reduced Inequalities	**X**
	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	**X**
	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 exam 40%** **Final project 60%**	
PREPARED BY	Asst. Prof. Dr. Saloumeh Khayyat Kahouei
UPDATED	February 2023
APPROVED	