COURSE SYLLABUS						
Course Title	**Course Code**	**Semester**	**Course Hour/Week**		**Credit**	**ECTS**
Contemporary Design Approaches	INAD 310	1	**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. Olgica Grcheva	E-mail: Olgica.grcheva@arucad.edu.tr Office: TI OFF 20
Course Objectives	INAD310 Contemporary Design Approaches is an elective course that explores recent tendencies and methodologies shaping the modern architectural and interior practices. The course focuses on innovative and sustainable design philosophies, such as: Equitable Architecture (designing inclusive spaces that address the needs of diverse user groups; Biophilic Design (integrating natural elements and patterns to enhance well-being and create a stronger connection between people and the environment); Smart Architecture (utilizing advanced technologies and systems to create adaptive, efficient, and responsive built environments); Parametric Design (employing varieties of tools to explore complex forms and optimize performance in architectural projects). Through theoretical discussions, case studies, and hands-on activities, students will develop a deep understanding of these approaches and their practical applications in contemporary design.	

Course Learning Outcomes	**Students will be able to:**	**Teaching Methods**	**Evaluation Methods**
	Understand and articulate the key principles of contemporary design methodologies, including equitable architecture, biophilic design, smart	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam

	architecture, adaptive reuse and parametric design.		
	Analyze and evaluate case studies to identify innovative and sustainable design solutions in modern architectural and interior practices.	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam
	Apply biophilic and equitable design principles to create inclusive and environmentally connected spaces.	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam
	Utilize advanced technologies to conceptualize adaptive and efficient architectural designs.	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam
	Synthesize theoretical knowledge and practical skills to develop design proposals that respond to contemporary challenges and user needs.	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam
	Communicate design concepts effectively through visual, verbal, and written presentations, demonstrating a comprehensive understanding of contemporary design approaches.	Lecture, Case Study Analysis, Discussion	Midterm exam/Final exam
Course Content	In this course students will be assigned research tasks on given topics as well as to design conceptual and inclusive spaces, integrating natural elements, utilizing advanced technologies, and employing the contemporary design approaches that will be elaborated through theoretical discussions. Through the research tasks, students will gain critical thinking and practical insights into innovative, sustainable and contemporary design approaches.		

COURSE OUTLINE/SCHEDULE			
Week	Topic	Implementation	**Required Reading, Preliminary preparation**

		(theory/practice)	
1	Overview of the course and introduction	T	none
2	**Lecture 1:** Modernism and important modernist approaches Discussions	T	none
3	**Lecture 2:** Postmodernism & Deconstructivism Discussions	T	**Forming interdisciplinary groups for research**
4	**Lecture 3:** Contemporary Approaches in Design: Smart architecture in smart cities Discussions on ongoing technological developments in design	T	**Assigning topics for research**
5	Presentations on given topic and review	T	Required preliminary preparation
6	Presentations on given topic and review	T	Required preliminary preparation
7	Presentations on given topic and review	T	Required preliminary preparation
8	**MID-TERM EXAM**		
9	**Lecture 4:** Nature and architecture, sustainable approaches and goals Discussions	T	none
10	Discussions (H)		
11	**Lecture 5:** Equitable architecture, universal design Discussions on co-creation, co-living and co-working concepts and approaches	T	**Final research assignment** Designing a conceptual house for future in Kyrenia (implementing trending approaches in design)
12	Final assignment poster presentations	T	Required preliminary preparation
13	Final assignment poster presentations	T	Required preliminary preparation
14	Final assignment poster presentations	T	Required preliminary preparation
15	Final assignment poster presentations	T	Required preliminary preparation
16	Review and Q&A session (H)		
17	Review and Q&A session	T	Explanation provided by the lecturer for the final exam
18	**FINAL EXAM**		

Required Course Material(s) / Reading(s)/ Text Book(s)	Guallart, V. (Ed.). (2011). *Design for living: Global contest to rethink our habitat from the body to the city: 8th advanced architecture contest*. Actar. **CALL NUMBER: NA687 .G835 2021** Roth, L. M., & Roth Clark, A. C. (2014). *Understanding architecture: Its elements, history, and meaning* (3rd ed.). Westview Press. **CALL NUMBER: NA2500.R68 2014** Jodidio, P., & Özkan, S. (2015). *Emre Arolat Architects: Context and plurality*. Rizzoli. **CALL NUMBER: NA1373.E55 A4 2013** Hays, K. M. (Ed.). (1998). *Architecture theory since 1968*. MIT Press. **CALL NUMBER: REF NA680.A72 1998**
Recommended Course Material(s)/ Reading(s) /Other	https://www.bloomberg.com/news/features/2021-08-18/how-universal-design-creates-inclusive-infrastructure https://www.cca.edu/newsroom/architectural-design-improves-social-equity https://www.iceniprojects.com/co-living-an-important-emerging-uk-trend/ https://www.smartcitiescouncil.com/article/smart-buildings-key-smart-cities https://www.re-thinkingthefuture.com/architectural-community/a5972-7-examples-of-some-natural-material-innovations-in-architecture/ https://thermory.com/blog-and-news/the-six-elements-of-biophilic-design/

ASSESSMENT		
Learning Activities	**NUMBER**	**WEIGHT in %**
Mid-Term Exam	1	40%
Quiz	0	
Assignment	0	
Project	0	
Field Study	0	
Presentation	0	
Studio Practice	0	
Other	0	
Final Exam	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 Hours (X weeks * total course hours)	16	1	3	48
Preliminary Preparation and self- study				
Mid-Term	1	1	25	25
Quiz				

Assignment				
Project				
Field Study				
Presentation	1	1	25	25
Studio Practice				
Final Examination/ Final Project/ Dissertation	1	1	30	30
Other				
TOTAL WORKLOAD				128
TOTAL WORKLOAD / 25				128/25 (**5.1**)
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	
	SDG 9: Industry, Innovation and Infrastructure	
	SDG 10: Reduced Inequalities	
	SDG 11: Sustainable Cities and Communities	X
	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 40%** **Final 60%**	
PREPARED BY	Asst. Prof. Dr. Olgica Grcheva (11.02.2025)
UPDATED	
APPROVED	