

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 4353	SUSTAINABLE APPROACHES IN INTERIOR DESIGN	2024-2025/ SPRING	1	2	2	3

Level of Course: Undergraduate
Course Type: Core Course
Language of Instruction: English
Course time: Tuesday, 09.00– 12.00
Course classroom: --
Mode of Delivery: One o one critique, Class Teaching, Presentation, Classwork
Prerequisites and Co-requisites: -
Course Coordinator:

Name of Lecturer(s): Asst. Prof. Dr. Setenay UÇAR
Course Teaching Assistant:

Course Objectives: It is aimed to provide students with awareness and professional knowledge about sustainable interior design by transferring various interior architecture practices from the world and Turkey in design supporting sustainability.

Course Description: Occupancy-void relationship in space, functionality, flexibility, active and passive systems, reuse and recycling, universal design, etc. It includes pre-project research and in-class application of the process to be carried out after construction.

Learning Outcomes: **Upon successful completion of the course, students will be able to:**

1. To learn the basic concepts, methods and principles of sustainable interior design at an expert level
2. To be able to develop solutions to interior design problems in different scales with scientific methods and critical thinking in the context of sustainability
3. To be able to work individually in sustainable interior design projects and to take an active role in the team by leading group projects
4. To be able to act in accordance with the principles of professional ethics, aesthetics and social responsibility in the process of sustainable design
5. To be able to share the results of research or design related to sustainable interior design in English scientific platforms through written, oral and digital tools

Language: The studio classes and discussions will be in English. Developing your verbal language skills will be very important in acquiring the disciplinary terminology as well as daily communication at the class.

Text Books: --

- Recommended Text Books:**
1. 'Bioclimatic design, Springer. Donald Watson, FAIA Trumbull CT, USA
 2. Integrated Sustainable Design, Jobs Kristinsson.
 3. Francis D. K. Ching, 2005. "Interior Design Illustrated, John Wiley&Sons.
 4. Interior Design by Jenny Gibbs
 5. Philosophy of Interior Design by Abercrombie, S.
- For the terminology:**

- Reading Text books:**
6. Bioclimatic Approaches in Urban and Building Design, Springer, Giacomo Chiesa
 7. Effective Thermal Insulation: The Operative Factor of a Passive Building Model, Amjad Almusaed
 8. "Green from the Ground up, Sustainable, Healty, and EnergyEfficient Home Construction" by David Johnston & Scott Gibson, The Taunton Press, 2008
 9. "The New Ecological Home, A Complete Guide to Green Building Options" by Daniel D. Chiras, Chelesa Green publishing Company, 2004

Planned Learning Activities and Teaching Method: **Learning/Teaching Method:** This is a studio course and students learn about model making by engaging in classwork and homework. The studio practice is supported by short verbal lectures at the beginning of the course and later individual hand-on exercises in the classroom.

Assignments: A series of assignments will be given to students. Students will start doing the assignments in the classroom and continue the assignment at home.

Assignment Development: At the end of each assignment the outcome will be evaluated in an open jury.

Class Participation: Regular attendance of all enrolled classes is expected. **For this course minimum 80% attendance is expected.** At the end of the Semester, your attendance will be reported on UBS system. Attendance is compulsory and in case of absenteeism of more than **20%**, the system will automatically grade you "F". If you miss a class, it is your responsibility to 'make up' all work, including items discussed in class. Class contribution will be measured in terms of quality not quantity.

Academic integrity & plagiarism: Academic integrity is the pursuit of scholarly activity based on the values of: honesty, trust, fairness, respect and responsibility. Practicing academic integrity means never plagiarizing or cheating, never misrepresenting yourself, never falsifying information, never deceiving or compromising the work of others. Basically this means, either intentionally or unintentionally, using the words or ideas of someone else without giving credit, it's strictly forbidden.

Course Text books: There is no specific textbook for this course. Students are required to study the recommended reading text books and also do researches on the variety of architectural presentation techniques.

Key Works: In this studio course assignments mainly focuses on clear and creative 3d presentation of design ideas.

Specific Rules:

1. **Be punctual. Punctuality is a sign of respect toward yourself and the others.**
2. Show respect for all the people and property around you.
3. Be responsible for your actions and meet all expectations.
4. Follow directions the first time they are given.
5. Students should use the Internet at school for academic purposes only.
6. It is forbidden to record classes with any type of device.
7. Bringing necessary materials to work in the classroom is obligatory.

Communication: Students are encouraged to visit the professor during their Office Hours. If you cannot make it to announced office hours, please make individual arrangements via e-mail. However, do not expect the professor and the research assistant to respond at length via e-mail to questions of content, definition of terms, grading questions etc. If you have a question that requires a substantive response, please set up an appointment to speak with one of us.

**Course Contents*:
(Weekly Lecture
Plan)**

Date	Week	Chapter Topic	Take-home exercise	
04.02.2025	1	Introduction to the Course		
11.02.2025	2	Ecological Sustainability in Interior Architecture: Environmental and Legal Aspects, Laws and Regulations, Global and Local Evaluation Systems	Project Preparation	
18.02.2025	3	Ecological Sustainability in Interior Architecture: Current trends and Biophilic design principles, Indoor environmental quality	Project Preparation	
25.02.2025	4	Economic Sustainability in Interior Architecture: Sustainable Practices in Data Collection, Design, Presentation and Implementation Processes, Building Information Modelling, Recycling-Reuse, Life Cycle of Materials and Interiors, Energy and Water Conservation, etc.).	Project Preparation	
04.03.2025	5	Socio-Cultural Sustainability in Interior Architecture: Environment, Human and	Project Preparation	

		Development Oriented Sustainability Practices, Ethical considerations in sustainable design, Social responsibility in interior design, Cultural and social needs in design, Design for disadvantaged groups		
11.03.2025	6	Sustainable Approaches in Residential Interiors : Sustainable Interior Applications in Traditional Housing Design from Turkey and the World	Midterm Project Preparation	
18.03.2025	7	Sustainable Approaches in Residential Interiors : Sustainable Interior Applications in Traditional Housing Design from Turkey and the World	Midterm Project Preparation	
	8	MIDTERM		
01.04.2025	9	NATIONAL HOLIDAY	Project Preparation	
08.04.2025	10	Sustainable Design Approaches in Working Spaces : Examples of Sustainable Interiors from Turkey and the World	Project Preparation	
15.04.2025	11	Sustainability Trends and Market Research in Interior Architecture : Sustainable Practices in Project Management (Budgeting for sustainable design, Sustainable procurement and sourcing, Sustainable project management tools and software, Sustainable design project case studies)	- Project Preparation	
22.04.2025	12	Future Prospects for Sustainable Interiors	- Project Preparation	
29.04.2025	13	Individual / Group Work Presentation	Final Project Preparation	
06.05.2025	14	Individual / Group Work Presentation	Final Project Preparation	



13.05.2025	15	Individual / Group Work Presentation	Final Project Preparation	
FINAL EXAM				

* PLEASE NOTE: Details of the syllabus and course schedule are subject to minor changes that will be announced in class.

Grading: Midterm and final exam projects will be evaluated based on the requirements that will be announced in the classroom. Assignments will be evaluated based on the quality of presentation. Students' progress also will be evaluated throughout the semester based on their performance in classroom. Students with the Final Grade below C- (50) are required to repeat the course.

Assessment Methods and Criteria :	METHODS	EFFECTS ON GRADING		
	Classwork/Project Developments(s)	20 %		
	Midterm Project	30 %		
	Final Project	50 %		
ECTS Workload Table :	ACTIVITIES	NUMBER	HOUR	WORKLOAD
	Course Teaching Hours	14	1	14
	Classwork/Project Developments(s)	14	2	28
	Midterm Project Preparation	1	13	13
	Final Project Preparation	1	20	20
	Total Workload	0	0	75
	Total workload/25			75/25
	ECTS			3

GRADING AND EVALUATION

Students' grades point lower than 50 will be considered as failed

Grade Scale:

GRADE	MARKS	VALUE	GRADE	MARKS	VALUE
A+			C+	60-64	2.40
A	95-100	4.00	C	55-59	2.20
A-	85-94	3.70	C-	50-54	2.00
B+	80-84	3.30	D+	45-49	1.70
B	75-79	3.00	D	40-44	1.50
B-	65-74	2.70	F	0-39	0.00