



Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3360	Universal Design	2025-2026/Spring	3	0	3	3

Level of Course: Undergraduate

Course Type: Elective Course

Language of

Instruction: English

Course time: Monday, 13.30 – 16.30

Office Hours:

Course classroom: BB-24

Mode of Delivery: Group critique, Class Teaching

Prerequisites and Prerequisites:

Co-requisites: None

Course Coordinator: Asst. Prof. Dr. Enes Can Kılıç

Name of Lecturer(s): Asst. Prof. Dr. Enes Can Kılıç

Course Teaching

Assistant: -

Course Objectives: The primary objective of this course is to enable students to move beyond idealized human models and develop an inclusive vision centered on the full spectrum of human diversity. Students will learn to integrate the seven core principles of universal design and international accessibility standards into interior architecture while fostering a sense of social responsibility through empathy-based analysis and the development of aesthetic, functional solutions for the public realm.

Course Description: This course explores the philosophy of Universal Design and "Design for All" within the context of interior architecture through both theoretical and practical frameworks. The course analyzes human diversity—including physical, sensory, and cognitive impairments—alongside aging, childhood, and temporary disabilities at the scale of interior spaces. The curriculum covers national (TSE 12576) and international accessibility standards, sensory design parameters, and the integration of inclusive technologies. In the second half of the semester, students develop micro-scale accessibility projects for public spaces in collaboration with local municipalities, culminating in a public exhibition that highlights social responsibility in design.

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

1. Apply the 7 core principles of Universal Design and the "Design for All" philosophy to interior design problems.
2. Integrate national (TSE 12576) and international accessibility standards into technical drawings, detailing, and material selection processes.
3. Identify spatial barriers by analyzing the needs of users with diverse physical, sensory, and cognitive abilities through empathy-based methodologies.
4. Create micro-scale spatial and urban furniture solutions that are inclusive, aesthetically sophisticated, and designed for the public good.

Course 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. Clarkson, P. J., Coleman, R., Keates, S., & Lebbon, C. (Eds.). (2003). Inclusive design: Design for the whole population. Springer.
2. Steinfeld, E., & Maisel, J. (2012). *Universal design: Creating inclusive environments*. John Wiley & Sons.
3. Aile ve Sosyal Hizmetler Bakanlığı. (2021). *Erişilebilirlik kılavuzu*. T.C. Aile ve Sosyal Hizmetler Bakanlığı Yayınları.
4. Hasırcı, D. (Ed.). (2018). *Herkes için tasarım: Kavramlar, ilkeler ve uygulama*. Nobel Akademik Yayıncılık.

For the terminology:

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Reading Textbooks:

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Planned Learning Activities and Teaching Method:

Learning/Teaching Method: *The expected learning outcomes for the course will be assessed through: a Midterm exam, Final Submission and Class discussions and feedback.*

Assignments: *Students are required to complete and submit assignments for home works according to syllabus.*

Class Participation: Regular attendance of all enrolled classes is expected. Do not be late for the class. **Attendance will be taken in the first quarter of the class; if you come later you will be considered half-attended.** At the end of the Semester, your attendance will be reported on the UBS system. Attendance is compulsory and in case of absenteeism of more than **30%**, the system will automatically grade you "FX". If you miss a class, it is your responsibility to make up all work, including items discussed in class. The 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. This means, either intentionally or unintentionally, using the words or ideas of someone else without giving credit, it's strictly forbidden.

Use of Artificial Intelligence (AI):

Students are permitted to use artificial intelligence (AI) tools (such as ChatGPT, Grammarly, etc.) for grammar correction and academic writing improvement throughout their work. However, AI-generated original content (e.g., analysis, paragraph writing, conceptual description, etc.) must not exceed 20% of the submitted material. In any case where AI tools are used, students are required to include a clear declaration within the assignment/report/submission. This declaration must include the name of the AI tool/model used, the specific purpose, and a brief explanation of how it contributed to the work.

Example declaration:

"I used ChatGPT-4 for proofreading and restructuring the introductory paragraph."

Failure to declare the use of AI tools when applied will be treated as a violation of academic integrity and plagiarism policies and may result in disciplinary action.

Course Textbooks: *There is no specific textbook for this course.*

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 raise their hand to signal a question or to answer a question.*
6. *Students should use the Internet at school for academic purposes only.*
7. *It is forbidden to record classes with any type of device.*

Communication: *Students are encouraged to visit the professor during their Office Hours. Students are expected to set up an appointment via e-mail for Individual meetings during office hours. 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
09.02.26	1	Introduction to the Course	
16.02.26	2	The 7 Principles & Design Philosophy	
23.02.26	3	Legislation, Standards & Accessibility	
02.03.26	4	Anthropometry & Movement Ergonomics	
09.03.26	5	Sensory Design & Orientation	
16.03.26	6	Information Access & Digital Inclusion	
23.03.26	7	Analysis & User Experience (UX)	
	8	MIDTERM EXAM	
06.04.26	9	Project Introduction and Forming The Groups	
13.04.26	10	Studio Critique - I	<i>Developing The Project</i>
20.04.26	11	Studio Critique - II	<i>Developing The Project</i>

27.04.26	12	Studio Critique - III	Developing The Project
04.05.26	13	Studio Critique - IV	Developing The Project
11.05.26	14	Exhibition Board & Presentation Prep	
18.05.26	15	Q&A	
FINAL SUBMISSION			

* 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 responses will be evaluated for accuracy, thoughtfulness, and clarity. Assignments will be evaluated for content, quality of ideas, and clarity of presentation (including all necessary materials).

Assessment Methods and Criteria :

METHODS	EFFECTS ON GRADING
Critiques and Project Development	30%
Midterm submission	30%
Final Submission	40%

ECTS Workload Table :

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	14	3	42
Project Developments	4	5	20
Midterm submission	1	6	6
Final Submission	1	7	7
Total Workload			75
Total workload/25			75/25
ECTS			3

GRADING AND EVALUATION

The students' progress will be evaluated throughout the semester.

Grade Scale:

GRADE	MARKS	VALUE
A+		
A	95-100	4.00
A-	85-94	3.70
B+	80-84	3.30
B	75-79	3.00
B-	65-74	2.70

GRADE	MARKS	VALUE
C+	60-64	2.40
C	55-59	2.20
C-	50-54	1.70
D+	45-49	1.30
D	40-44	1.00
F	0-39	0.00