

DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3301	Human Factors in Interior Space	2021-22 Fall	2	0	2	2

**Level of Course:** Undergraduate

**Course Type:** Core Course

**Language of Instruction:** English

**Course time:** Thursday | 13:30 – 15:30

**Course classroom:** STD C

**Mode of Delivery:** Class Teaching, Presentation, Assignments

**Prerequisites and Co-requisites:** Prerequisites: None  
Co-requisites: None

**Course Coordinator:** Asst. Prof. Dr. Buket ŞENOĞLU

**Name of Lecturer(s):** Asst. Prof. Dr. Buket ŞENOĞLU  
**Course Teaching Assistant:**

**Course Objectives:** This course will use a case study approach to human factors problem analysis in domains of interior space. The course mainly focuses on the interactions between people and design and, the environment that surrounds people.

**Course Description:** Under the heading of "Physical Factors" and "Cognitive Factors", the course teaches how built environment physically fits users within the subject of "Physical Factors". As the content of "Cognitive Factors", the interaction between human and its surroundings is explained and the importance of interior architecture and environmental design is emphasized.

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

- Learn basic concepts and terminology in the fields of Ergonomics.
- Gain knowledge about the relationship of function and Human factors.
- Students will be conscious about universal design principles and the importance of “design for all” approach.
- Be familiar with environmental psychology and its applications in interior design field.
- Be familiar with the new achievement for improving users’ experience in different space typologies.

**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.

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**Text Books:** Human Dimension and Interior Space: A Source Book of Design Reference Standards  
By Julius Panero, Martin Zelnik

**Recommended Text Books:**

1. Human Factors in the Built Environment by Linda L. Nussbaumer
2. Comfort and Design: Principles and Good Practice edited by Peter Vink
3. Environmental Psychology for Design by Dak Kopec

**For the terminology:** The Handbook of Interior Design edited by Jo Ann Asher Thompson, Nancy Blossom

**Planned Learning Activities and Teaching Method:**

**Learning/Teaching Method:** The expected learning outcomes for the course will be assessed through: Individual/Group Presentations, a Midterm Project, a Final Project, Class discussions and feedbacks.

**Assignments:** Students are required to do surveys, presentations, and carry-on a research project throughout the semester.

**Class Participation:** Regular attendance of all enrolled classes is expected. Do not be late for the class. Attendance will be taken through your signature within 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. Attendance is compulsory and in case of absenteeism of more than 30%, the system will automatically grade you "FF". 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. If you need to leave early, you should notify your professor at the commencement of the session.

**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 Textbooks:** There is no specific textbook for this course but topics will mainly follow the chapters in the book 'Human Dimension and Interior Space: A Source Book of Design Reference Standards'.

**Key Works:** In this studio course lectures and assignments mainly focuses on Human Factors and Universal Design.

**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. 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
16.09.21	1	<b>Introduction to the Course</b>	-
23.09.21	2	Introducing Ergonomics Human Factors/Universal design <b>Announce research project</b>	Select a space for case study 1 <sup>st</sup> presentation preparation
30.09.21	3	<b>Lecture 1:</b> Residential Spaces	Survey 2 <sup>nd</sup> Presentation Preparation
07.10.21	4	<b>Lecture 2:</b> Office Spaces <b>Presentation by student</b>	Survey 3 <sup>rd</sup> Presentation Preparation
14.10.21	5	<b>Lecture 3:</b> Mercantile Spaces <b>Presentation by student</b>	Survey 4 <sup>th</sup> Presentation Preparation
21.10.21	6	<b>Lecture 4:</b> Eating and Drinking Spaces <b>Presentation by student</b>	Survey 5 <sup>th</sup> Presentation Preparation
28.10.21	7	<b>Presentation by student</b> <b>Midterm Project Announcement</b>	Midterm project Preparation
	8	<b>MIDTERM EXAM WEEK</b>	
11.11.21	9	<b>Lecture 5:</b> Health and Care Spaces <b>Presentation by student</b>	-
18.11.21	10	<b>Lecture 6:</b> Territoriality & Personal Space Activity patterns, crowding, privacy	-
25.11.21	11	<b>Lecture 7:</b> Principles of Universal Design Principles	Poster Presentation Preparation
02.12.21	12	<b>Poster Presentation</b> <b>Announcing Final Project</b>	Final Project Preparation
09.12.21	13	<b>Review and Critiques on Final Project</b>	Final Project Preparation
16.12.21	14	<b>Critiques on Final Project</b>	Final Project Preparation
	<b>2020 2021</b>		<b>FINAL EXAM</b>

\* 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

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(including both writing and graphics).

**Assessment Methods  
and Criteria :**

METHODS	EFFECTS ON GRADING
Assignments/Presentations	% 20
Midterm Submission	% 30
Final Submission	% 50

**ECTS Workload Table :**

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	13	2	26
Presentations	2	6	12
Self-study for Midterm Project	1	4	4
Self-study for Final Project	1	8	8
<b>Total Workload</b>	<b>0</b>	<b>0</b>	<b>50</b>
<b>Total workload/25</b>			<b>50/25</b>
<b>ECTS</b>			<b>2</b>

**GRADING AND EVALUATION**

The students' progress will be evaluated throughout the semester.

Grade Scale:

GRADE	MARKS	VALUE
A+	100	4.00
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	2.30
C	55-59	2.00
C-	50-54	1.70
D+	45-49	1.30
D	40-44	1.00
F	0-39	0.00