



DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3103	FURNITURE DESIGN	2025-2026 / FALL	1	2	2	3

**Level of Course:** Undergraduate

**Course Type:** Core Course

**Language of**

**Instruction:** English

**Course time:** Wednesday, 09.30 – 12.30

**Office Hours:** -

**Course classroom:** BB-34

**Mode of Delivery:** One o one critique, Class Teaching, Assignments, Presentations

**Prerequisites and**

**Co-requisites:** -

**Course Coordinator:** Asst. Prof. Dr. Mehmet Uğur Kahraman

**Name of Lecturer(s):** Asst. Prof. Dr. Mehmet Uğur Kahraman  
Asst. Prof. Dr. Enes Can Kılıç  
Lec. Dr. Gamze Akyol

**Course Teaching**

**Assistant:** Res. Asst. Müge Develier

**Course Objectives:** The aim of this course is designing a piece of furniture, by starting with conceptual development and production of working drawings, and a scaled prototype model that represents the original idea. The primary objective of this design studio is to design a piece of furniture in respond to the requirements of a proposed context and design profile.

**Course Description:** In this course students design full detail furniture by considering scale, human comfort, ergonomic, sustainability, universality, production techniques and marketing. Students will be fully engaged in the studio discourse, be prepared for each individual desk critique and workshop session and invest time outside of studio hours for developing the projects.

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

1. Develop and refine design concepts
2. Understand typical fabrication, installation and assembly methods
3. Develop design solutions that comply with universal design principles
4. Select and apply the most appropriate color, material and textile to support design concept
5. Communicate through presentation using drawings, physical model, sketches and other visual media tools

**Language:** English

**Text Books:**

**Recommended Text Books:**

1. Smardzewski J., 2015. *Furniture Design*, Springer.
2. Postell J., 2012. *Furniture Design*, John Wiley & Sons.

**For the terminology:**

3. The Fundamentals of Interior Architecture by John Coles and Naomi House.
4. The Handbook of Interior Architecture and Design edited by Graeme Brooker and Lois Weinthal.
5. Design Museum Enterprise Limited, 2009. *Fifty Chairs that Changed the World: Design Museum Fifty*, Hachette UK.

**Reading Text books:**

6. Fine Woodworking, 2004. *Designing Furniture*, Taunton Press.

**Timeline of Architecture and Art history:**

**Planned Learning Activities and Teaching Method:**

**Learning/Teaching Method:** This is a studio course and students learn about design process by getting directly involved in the process. The studio practice is supported by lectures and group/one-o-one critique sessions. The main teaching medium in studio is individual and group critiques.

**Class Participation:** Regular attendance of all enrolled classes is expected. Do not be late to 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 UBS system. Attendance is compulsory and in case of absenteeism of more than **20% for the practice and %30 for the theory**, 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. 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 lectures and assignments mainly focuses on User Requirements, critical thinking, elements of design and the awareness of basic concepts, factors, functions, and materials in designing a space.

**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.

**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
24.09.25	1	- Introduction to the Course - Introducing the Design Subject - Gathering the groups	Finding design concept
01.10.25	2	- Brainstorming group work in class	Design proposal and progress
08.10.25	3	- Group Critics	Design proposal and progress
15.10.25	4	- Concept and Design Proposal Presentation (Quiz I)	Design proposal and progress
22.10.25	5	- Critics for Design and Concept	Design proposal and progress
29.10.25	6	- Critics for Design and Concept	Design proposal and progress and creating a mass model
05.11.25	7	- Critics for Design and Concept	Development for Midterm; Concept, Mass Model, Technical Drawings



	8	- MIDTERM JURY	Completing first phase
19.11.25	9	- Critiques on Technical Drawing and Modeling	Continue with Design Development
26.11.25	10	- Critiques on Technical Drawing and Modeling	Continue with Design Development
03.12.25	11	- Critiques on Technical Drawing and Modeling	Continue with Design Development
10.12.25	12	- Quiz-II	Continue with Design Development and Presentation Poster Proposal
17.12.25	13	- Critiques on Modeling	Finalizing Design Development
24.12.25	14	- PRE FINAL JURY	Preparation for Final Jury
31.12.25	15	- Q & A	-
		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 responses will be evaluated for accuracy, thoughtfulness and clarity. Assignments will be evaluated for content, quality of ideas and clarity of presentation (including both writing and graphics). In midterm and final jury there will be an evaluation by jury members.

**Assessment Methods and Criteria :**

METHODS	EFFECTS ON GRADING
Quiz (2)	10%
Project Development	10%
Pre Final Jury	10%
Midterm Jury	20%
Final Jury	50%

**ECTS Workload Table :**

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	14	3	42
Out of Studio Practice	14	1	14
Self-study for Midterm Project	1	5	5

DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Midterm Jury	1	6	6
Self-study for Final Exam	1	6	6
Final Jury	1	6	6
<b>Total Workload</b>	<b>0</b>	<b>0</b>	<b>75</b>
<b>Total workload/25</b>			<b>85/25</b>
<b>ECTS</b>			<b>3</b>

**GRADING AND EVALUATION**

The students' progress will be evaluated throughout the semester. Students' grades point **lower than 50** will be considered as failed.

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