DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3103	FURNITURE DESIGN	2020-2021 / FALL	1	2	2	3

Level of Course: Undergraduate

Course Type: Core Course

Language of Instruction: English

Course time: Wednesday, 13.30 – 16.30

Office Hours: -

Course classroom: LMS

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

Prerequisites and Co-requisites: -

Course Coordinator: Asst Prof. Dr. Shirin Izadpanah
Inst. Başak Karaduman
Inst. Nihan Ünal

Name of Lecturer(s):
Course Teaching Assistant: Parla Özkul

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. Produce sketches as well as working drawings
3. Make a prototype model
4. Gain knowledge about different materials
5. Communication through presentation
6.

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.

Reading Text books:

5. Design Museum Enterprise Limited, 2009. Fifty Chairs that Changed the World: Design Museum Fifty, Hachette UK.
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 critiques.

Project Development: A series of assignments with emphasis on the main topic will be offered in this course. In the first half of the semester assignments will mainly include exercises in relation to the writing User Profile, Site analysis, Concept and Scenario, Zoning and Bobble Diagram and first design proposal. In the second half of the semester these exercises will be followed by developing the actual design project. For developing the projects **minimum 70% critiques are expected**. Development of the project will be evaluated by following the project improvement during the critique sessions.

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 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. 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 <u>plagiarizing</u> or cheating, never misrepresenting yourself, never falsifying information, never deceiving or compromising the work of others. Basically this means, either <u>intentionally</u> or <u>unintentionally</u>, 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

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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
07.10.20	1	- **Introduction to the Course** - **Introducing the Design Subject** - **Lecture**	Choose a scene from a movie
14.10.20	2	- **Discussing the Animations** - **Create a design profile for that scene**	Conceptual approaches Mood board for Furniture Concept
21.10.20	3	- **Presenting the scene and Design Profiles**	Finalizing the Concept and Scenario
28.10.20	4	- **Sketching the Ideas in Classroom**	Sketching the Ideas Selecting the Materials
04.11.20	5	- **Presentation of Selected Materials** - **Prototype Modeling**	Prototype Modeling and Drawing (1/10)
11.11.20	6	- **Critiques on Prototype Modeling and Technical Drawing**	Design Development
18.11.20	7	- **Critiques on Design Development**	Continue with Design Development PowerPoint presentation of the Material
	8	**-MIDTERM JURY**	Improve your Design Based on Jury Feedbacks

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02.12.20	9	- **Moving to 1/5 Detailing**	Completing 1/5 joint detailing for pieces
09.12.20	10	- **Critiques on 1/5 Detail Drawings** - **1/5 Prototype Model**	Continue with 1/5 Design Development
16.12.20	11	- **Critiques on 1/5 Design Development**	Continue with 1/5 Design Development
23.12.20	12	- **Critiques on 1/5 Design Development**	Continue with 1/5 Design Development
30.12.20	13	- **Critiques on Visual Communication and presentation**	Completing the Communication Sheets and Presentation
06.01.21	14	- **Review** - **Final Jury Requirements**	Preparation for Final Jury
		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). Studens' grade lower than CC will be considered as failed. İn midterm and final jury there will be an evaluation by jury members.

Assessment Methods and Criteria :	METHODS	EFFECTS ON GRADING		
	Design Development	20%		
	Midterm Jury	30%		
	Final Jury	50%		
ECTS Workload Table :	ACTIVITIES	NUMBER	HOUR	WORKLOAD
	Course Teaching Hours	13	3	39
	Out of Studio Practice	13	1	13
	Self-study for Midterm Project	1	5	5
	Midterm Jury	1	6	6
	Self-study for Final Exam	1	6	6
	Final Jury	1	6	6
	Total Workload	**0**	**0**	**75**
	Total workload/25			**75/25**
	ECTS			**3**

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GRADING AND EVALUATION

The students' progress will be evaluated throughout the semester. Studens' grade lower than CC will be considered as failed.

Grade Scale:

90 - 100	AA	4,00
85 - 89	BA	3,50
80 - 84	BB	3,00
75 - 79	CB	2,50
65 - 74	CC	2,00
55 - 64	DC	1,50
50 - 54	DD	1,00
45 - 49	FD	0,50
0 - 44	FF	0,00