



COURSE INFORMATION FORM

Course Name	Course Code
Furniture Design Principles	141117004

Semester	Number of Course Hours per Week		Credit	ECTS
	Theory	Practice		
7	2	0	2	3

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
		2		1

Course Language	Course Level	Course Type
Turkish	Undergraduate	Elective

Prerequisite(s) if any	-
Objectives of the Course	This course aims to comprehend the elements of furniture design (materials, details, production methods, fasteners, accessories, etc.), types of furniture according to the space (home furniture, garden furniture), furniture issues in the axis of user-product interaction.
Short Course Content	It covers the basic information about understanding the elements related to furniture design (materials, details, production methods, fasteners, accessories, etc.) and what stages a furniture design process goes through from the very beginning to the end.

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 Gains knowledge about the history and types of furniture.	3, 10	1, 2, 5	A
2 Can interpret furniture styles.	3, 10	1, 2, 5	A
3 He can develop new details by comprehending the materials and production details used in furniture.	3, 7, 10	1, 2, 5	A, G
4 Knows the processes in furniture production.	2, 3, 7, 10	1, 2, 5	A, G
5 Can analyze modular and functional furniture designs.	2, 3, 7, 10	1, 2, 5	A, G
6 Gains knowledge about the elements and accessories associated with furniture.	2, 3, 7, 10	1, 2, 5	A, G
7 He questions the relationship of the furniture with the user.	2, 3, 7, 10	1, 2, 5	A, G
8 Question the concept of sustainability in furniture.	2, 3, 7, 10	1, 2, 5	A, G
9 Recognizes the tools and materials used in furniture production.	2, 3, 7, 10	1, 2, 5	A, G
10 Knows and can use simple craft techniques in furniture production.	2, 3, 7, 10	1, 2, 5	A, G

*Teaching Methods 1:Expression, 2:Discussion, 3:Experiment, 4:Simulation, 5:Question-Answer, 6:Tutorial, 7:Observation, 8:Case Study, 9:Technical Visit, 10:Trouble/Problem Solving, 11:Individual Work, 12:Team/Group Work, 13:Brain Storm, 14:Project Design / Management, 15:Report Preparation and/or Presentation

**Measuring Methods A:Exam, B:Quiz, C:Oral Exam, D:Homework, E:Report, F:Article Examination, G:Presentation, I:Experimental Skill, J:Project Observation, K:Class Attendance; L:Jury Exam

Main Textbook	- Küçükerman, Ö. (2015). Sanayi-i Nefise Mektebi'nden Endüstri Tasarımına Mobilya, Mıta Basımevi, Ankara
Supporting References	- Canbulat, M. T., Özkaraman Şen, M. (2014). Metal Mobilya Tasarım ve Üretim İlkeleri, Mimar Sinan Güzel Sanatlar Üniversitesi Yayınları, İstanbul
Necessary Course Material	

Course Schedule	
1	Introduction of the course and general information about the process
2	History and styles of furniture
3	Types of furniture by space (Indoor furniture, Outdoor furniture)
4	The concept of construction in furniture and types of furniture (metal, wood, composite, etc.)
5	Materials used in furniture
6	Techniques and machines used in furniture production
7	Design process from scratch to sale and after sale in furniture
8	Mid-Term Exam
9	By-products (hinges, fasteners, etc.) and accessories (handles, feet, etc.) used in furniture production.
10	Craft techniques in furniture production
11	Furniture on the axis of product-user interaction (furniture for children, disabled, elderly)
12	Reading and interpretation of technical drawings prepared for furniture production
13	Furniture concept on the axis of sustainability
14	Furniture fairs and stand design samples
15	Interview with the designer or R&D personnel working in the furniture company
16,17	Final Exam

Calculation of Course Workload			
Activities	Number	Time (Hour)	Total Workload (Hour)
Course Time (number of course hours per week)	14	2	28
Classroom Studying Time (review, reinforcing, prestudy,...)			
Homework			
Quiz Exam			
Studying for Quiz Exam			
Oral exam			
Studying for Oral Exam			
Report (Preparation and presentation time included)			
Project (Preparation and presentation time included)			
Presentation (Preparation time included)	4	5	20
Mid-Term Exam	1	2	2
Studying for Mid-Term Exam	4	3	12
Final Exam	1	2	2
Studying for Final Exam	4	3	12
Total workload			76
Total workload / 30			2,53
Course ECTS Credit			3

Evaluation	
Activity Type	%
Mid-term	30
Presentation	30
Final Exam	40
Total	100

RELATIONSHIP BETWEEN THE COURSE LEARNING OUTCOMES AND THE PROGRAM OUTCOMES (PO) (5: Very high, 4: High, 3: Middle, 2: Low, 1: Very low)		
NO	PROGRAM OUTCOME	Contribution
1	Within cultural, historical and artistic context the ability to integrate theoretical knowledge about production and consumption mechanisms into the design practice;	5
2	The ability to plan the design process, to choose and use appropriate methods and techniques;	3
3	The ability to identify design problems and related sub-problems and to produce creative solutions with a critical and dialectical approach;	5
4	The ability to design in terms of spatial thinking using design principles and elements;	1
5	The ability to make applications in the interaction of aesthetics and function using design elements and means and to evaluate these applications;	1
6	The ability to visualize and present using two and three dimensional design tools;	1
7	The ability to follow and apply technological developments, current design approaches, sustainable production methods, materials and innovations in the field of informatics in design projects;	3
8	The ability to use field knowledge in industrial design projects by considering the needs and interests of the society and target users within the scope of environmental awareness, professional ethics and the laws;	1
9	The ability to carry out the design process effectively individually or in a team;	1
10	The ability to take an active role in discipline-specific or interdisciplinary studies at the national and international levels.	3

LECTUTER(S)				
Prepared by	Assoc. Prof. Dr. Cemil YAVUZ			
Signature(s)				

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