



COURSE INFORMATION FORM

Course Name	Course Code
Industrial Design Studio I	141113001

Semester	Number of Course Hours per Week		Credit	ECTS
	Theory	Practice		
3	3	5	6	11

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
		10		

Course Language	Course Level	Course Type
Turkish	Undergraduate	Compulsory

Prerequisite(s) if any	Basic Design II
Objectives of the Course	This course aims to provide students with basic knowledge and competencies in carrying a design project out, managing a design process, and defining and solving design problem/problems within a given design brief.
Short Course Content	This introductory Industrial Design Studio course covers design projects that address the use of volume, simple mechanisms and analysis of foundational product-user relationships for non-complex products.

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 Design a product design project within a given design brief.	2, 3, 4, 5, 6, 9	1, 2, 6, 11, 12, 14	D, J, L
2 Identify design problem(s)	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
3 Identify requirements and constraints within a given design brief for design problem(s)	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
4 Solve design problem(s)	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
5 Perform a product-user relationship analysis	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
6 Express design ideas by drawing	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
7 Develop design ideas by evaluating them on models	2, 3, 4, 5, 6, 9	2, 6, 11, 12, 14	D, J, L
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***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	-
Supporting References	-
Necessary Course Material	Drawing tools

Course Schedule	
1	Introduction to the course, General information on the term evaluation system and project evaluation criteria, Instructions for 1st Project
2	1st Project: Identifying design problem(s) and development of project proposal(s)
3	1st Project: Evaluating design proposals
4	Design submission of 1st Project. Instructions for 2nd Project
5	2nd Project: Identifying design problem(s) and development of project proposal(s)
6	2nd Project: Evaluating design proposals
7	2nd Project: Evaluating design proposals
8	Mid-Term Exam
9	Instructions for 3rd Project
10	3rd Project: Identifying design problem(s) and development of project proposal(s)
11	3rd Project: Evaluating design proposals
12	3rd Project: Evaluating design proposals
13	3rd Project: Evaluating design proposals
14	3rd Project: Evaluating design proposals
15	3rd Project: Evaluating design proposals
16,17	Final Exam

Calculation of Course Workload			
Activities	Number	Time (Hour)	Total Workload (Hour)
Course Time (number of course hours per week)	14	8	112
Classroom Studying Time (review, reinforcing, prestudy,...)	14	1	14
Homework	1	10	10
Quiz Exam			
Studying for Quiz Exam			
Oral exam			
Studying for Oral Exam			
Report (Preparation and presentation time included)			
Project (Preparation and presentation time included)	1	35	35
Presentation (Preparation time included)			
Mid-Term Exam	1	9	9
Studying for Mid-Term Exam	1	65	65
Final Exam	1	15	15
Studying for Final Exam	1	70	70
Total workload			330
Total workload / 30			11
Course ECTS Credit			11

Evaluation	
Activity Type	%
Mid-term	30
Homework	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;	1
2	The ability to plan the design process, to choose and use appropriate methods and techniques;	5
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;	5
5	The ability to make applications in the interaction of aesthetics and function using design elements and means and to evaluate these applications;	3
6	The ability to visualize and present using two and three dimensional design tools;	3
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;	1
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;	5
10	The ability to take an active role in discipline-specific or interdisciplinary studies at the national and international levels.	1

LECTUTER(S)				
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Signature(s)				

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