



COURSE INFORMATION FORM

Course Name	Course Code
BASIC DESIGN I	141111008

Semester	Number of Course Hours per Week		Credit	ECTS
	Theory	Practice		
1	3	5	6	11

Course Category (Credit)				
Basic Sciences	Engineering Sciences	Design	General Education	Social
		11		

Course Language	Course Level	Course Type
Turkish	Undergraduate	Compulsory

<b>Prerequisite(s) if any</b>	None
<b>Objectives of the Course</b>	<p>The aim of this course is;</p> <ul style="list-style-type: none"> <li>To teach the basic principles of design.</li> <li>To gain literacy on design in the light of basic principles.</li> <li>To introduce the basic elements and materials that can be used while designing.</li> <li>To support and reproduce theoretical knowledge with a learning-by-doing approach.</li> <li>Developing manual dexterity with in-class practical work and homework.</li> <li>To ensure the development of creative solutions within the framework drawn with constraints.</li> </ul>
<b>Short Course Content</b>	<p>With the aim to lay a foundation for the industrial design studio in this course the students will learn in a practical way basic design principles (unity, emphasis, proportion and scale, balance, repetition, hierarchy) and basic design elements (point, line, shape, form, space, area, texture, colour, value). Using these principles and elements, students will create compositions for various design purposes and will according to these basic principles interpret and analyse compositions in which users/viewers communicate with different means of perception.</p>

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 Learns the basic principles and elements of industrial design practically.	4	1, 2, 6, 14	D, J, L
2 Can analyze existing industrial products in the light of basic principles and elements.	1, 3, 4, 5	1, 2, 6, 14	D, J, L
3 Can design using basic principles and elements.	4	6, 14	D, J, L
4 Can make time planning by comprehending the design process.	2, 8, 9	6, 14	D, J, L
5 Can design layouts using basic principles and elements.	6	6, 14	D, J, L
6 Develops manual dexterity for drawing and model applications.	2	6	D, J, L
7			
8			

\*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

<b>Main Textbook</b>	Lauer, David A., and Stephen Pentak. 2005. Design Basics. Wadsworth.
<b>Supporting References</b>	Prof. Dr. Yahşi Yazıcıoğlu. 2017. Temel Tasarım. İdeal Kültür Yayıncılık. Ali Seylan. 2021. Temel Tasarım. Yem Yayın. Paul Jackson. 2018. How To Make Repeat Patterns: A Guide for Designers, Architects and Artists. Laurence King Publishing.
<b>Necessary Course Material</b>	Various stationery

<b>Course Schedule</b>	
1	Getting to know and introducing the materials needed for the course Design principles and elements (Unity)
2	Design principles and elements (Emphasis)
3	Design principles and elements (Scale and Proportion)
4	Design principles and elements (Balance)
5	Design principles and elements (Repetition)
6	Design principles and elements (Hierarchy)
7	Project 1
8	Mid-Term Exam
9	Design principles and elements (Colour and Value)
10	Design principles and elements (Texture)
11	Design principles and elements (Volume and Space)
12	Design principles and elements (Motion)
13	Project 2
14	Project 2
15	Project 2
16,17	Final Exam

<b>Calculation of Course Workload</b>			
<b>Activities</b>	<b>Number</b>	<b>Time (Hour)</b>	<b>Total Workload (Hour)</b>
Course Time (number of course hours per week)	14	8	112
Classroom Studying Time (review, reinforcing, prestudy,...)			
Homework	8	8	64
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)			
Participation (Preparation)	14	1	14
Mid-Term Exam	1	9	9
Studying for Mid-Term Exam	1	30	30
Final Exam	1	9	9
Studying for Final Exam	1	70	70
<b>Total workload</b>			<b>308</b>
<b>Total workload / 30</b>			<b>10,26</b>
<b>Course ECTS Credit</b>			<b>10</b>

Evaluation	
Activity Type	%
Mid-term (Project)	20
Homework	30
Participation	20
Bir öge seçin.	
Bir öge seçin.	
<b>Final Exam (Project)</b>	30
<b>Total</b>	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 contexts the ability to integrate theoretical knowledge about production and consumption mechanisms into the design practice	3
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	3
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	4
6	The ability to visualize and present using two and three dimensional design tools	5
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	
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	2
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;	

LECTUTER(S)				
<b>Prepared by</b>	Lect. Nimet Başar Kesdi			
<b>Signature(s)</b>				

**Date:**08.08.2024