ESOGU Faculty of Art and Design
Industrial Design Department
COURSE INFORMATION FORM

SEMESTER	FALL

COURSE CODE	1411xxx	COURSE NAME	Industrial Design Studio III

SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Laboratory	Credit	ECTS	Type	Language
5	3	5	0	6	11	COMPULSORY (X) ELECTIVE ( )	Turkish

COURSE CATEGORY				
Basic Education	Design	Natural and Applied Science	Social Science	Art
	X	X	X	

ASSESSMENT CRITERIA			
	Evaluation Type	Quantity	%
MID-TERM	1st Mid-Term	1	40
	2nd Mid-Term		
	Quiz		
	Homework		
	Project		
	Report		
	Others (……)		
FINAL EXAM		1	60

PREREQUIEITE(S)	Having successfully completed Industrial Design Studio II
COURSE DESCRIPTION	Symbolic function analyzes of material culture elements Concept development in the light of obtained concepts The productization of abstract concepts in terms of symbolic function
COURSE OBJECTIVES	Developing a perspective/method for the analysis of abstract concepts embedded in the objects and practices that constitue the material culture Improving synthesis skills and translation of these concepts into design
ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUCATION	By the projects carried out in this course, the skills of framing abstract situations encountered in professional life as design problems and developing solutions to these problems will increase.
COURSE OUTCOMES	Be able to define the symbolic functions of the design as well as the practical ones, Be able to analyze abstract functions in everyday objects and cultural practices, Be able to transfer these functions to users, consumers through design
TEXTBOOK	Gerhard Heufler, Michael Lanz, Mertin Prettenthaler , (2020). Design Basics: From Ideas to Products. Bernhard Bürdek, (2005). History, Theory and Practice of Product Design John Heskett, (2017). Tasarım.
OTHER REFERENCES	-
TOOLS AND EQUIPMENTS REQUIRED	Computer, Adobe Photoshop and Illustrator to prepare 2D sketches and layouts, Rhino, Autodesk Fusion, Hypershot, V-Ray programs for depicting and presenting products in 3D

WEEKLY COURSE SYLLABUS	
WEEK	**TOPICS**
1	Introduction of the course, syllabus, aims, outcomes
2	Reframing of design functions and analysis of symbolic functions
3	Symbolic function analysis through a (personal or corporate) brand and presentation
4	Problem definition, concept development, critique
5	Idea elaboration and critique
6	Idea elaboration and critique
7	Prototyping and critique
8	MID-TERM EXAMS
9	Determination and research of a current design context (sustainability, gender, etc.), analysis of material culture elements and practices related to this.
10	Problem definition and concept development, critique
11	Concept development and critique
12	Idea elaboration and critique
13	Idea elaboration and critique
14	Prototyping and critique
15	Prototyping and critique
16	FINAL EXAMS

NO	**PROGRAM OUTCOMES**	**Contribution Level**		
		3	**2**	**1**
1	Within cultural, historical and artistic context the ability to integrate theoretical knowledge about production and consumption mechanisms into the design practice;		X	
2	The ability to plan the design process, to choose and use appropriate methods and techniques;	X		
3	The ability to identify design problems and related sub-problems and to produce creative solutions with a critical and dialectical approach;	X		
4	The ability to design in terms of spatial thinking using design principles and elements;		X	
5	The ability to make applications in the interaction of aesthetics and function using design elements and means and to evaluate these applications;		X	
6	The ability to visualize and present using two and three dimensional design tools;	X		
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;		X	
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;	X		
9	The ability to carry out the design process effectively individually or in a team;		X	
10	The ability to take an active role in discipline-specific or interdisciplinary studies at the national and international levels.		X	
1: None. 2: Partial contribution. 3: Complete contribution.				

Instructor(s): Asst. Prof. Dr. Hatice S. KESDİ

Signature: **Date:**