ESOGU INDUSTRIAL DESIGN DEPARTMENT

COURSE INFORMATION FORM

Course Name	Course Code
Design for Disability	141117006

Semester	Number of Course Hours per Week		Credit	ECTS
	Theory	Practice		
7	2	2	3	5

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

Course Language	Course Level	Course Type
Turkish	Undergraduate	Elective

Prerequisite(s) if any	None
Objectives of the Course	This course aims to teach students how to design inclusive products per relevant standards and ergonomic principles by raising awareness about disability.
Short Course Content	Development of design projects focusing on disability and accessibility.

	Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1	Being aware of disability and accessibility	2,3,4,5,6,8,9	1,6,12,15	A,D,E,G,J
2	Design disability-focused, inclusive products	3,4,5,9	1,6,12,15	A,D,E,G,J
3	Know standards used in products designed for the disabled	2,3,4,8	1,6,12,15	A,D,E,G,J
4	Know ergonomic approaches for disability	5,6,8,9	1,6,12,15	A,D,E,G,J
5				
6				
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:Induvidual 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	1. Pullin, Graham. Design Meets Disability. Cambridge, Mass.: MIT Press, 2009. 2. Hamraie, A. (2017). Building access: Universal design and the politics of disability. University of Minnesota Press
Supporting References	1. Erlandson, R. F. (2007). Universal and accessible design for products, services, and processes. CRC Press 2. World Report On Disability. Geneva, Switzerland: World Health Organization, 2011. 3. Evcil, A.N. (2014), Herkes için Tasarım, Boğaziçi Yayınları, İstanbul. 4. Herkes için ulaşılabilirliğin iyileştirilmesi: Örnek uygulama rehberi (2008). . T.C. Başbakanlık - Özürlüler İdaresi Başkanlığı. 5. Yerel yönetimler için ulaşılabilirlik temel bilgiler teknik el kitabı (2010)_ T.C. Başbakanlık Özürlüler İdaresi Başkanlığı.
Necessary Course Material	N/A

Course Schedule	
1	Introduction to the course. Information on topics to be covered.
2	Definitions and standards related to disability and accessibility. Types of disability.
3	Contacting associations, foundations and organizations for the disabled.
4	Analysis of the daily problems of people with disabilities.
5	Detailed research on identified problems.
6	Project proposal development.
7	Evaluating design proposals
8	Mid-Term Exam
9	Evaluating design proposals
10	Evaluating design proposals
11	Evaluating design proposals
12	Evaluating design proposals
13	Evaluating design proposals
14	Evaluating design proposals
15	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	4	56
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)	1	32	32
Presentation (Preparation time included)			
Participation (Preparation)			
Mid-Term Exam	1	4	4
Studying for Mid-Term Exam	1	15	15
Final Exam	1	4	4
Studying for Final Exam	1	25	25
		Total workload	136

	Total workload / 30	4,53
	Course ECTS Credit	5

Evaluation	
Activity Type	**%**
Mid-term	40
Final Exam	60
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 contexts the ability to integrate theoretical knowledge about production and consumption mechanisms into the design practice	
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	5
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	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	5
9	The ability to carry out the design process effectively individually or in a team	3
10	The ability to take an active role in discipline-specific or interdisciplinary studies at the national and international levels;	

LECTUTER(S)				
Prepared by				
Signature(s)				

Date: 08.08.2024