



COURSE INFORMATION FORM

Course Name	Course Code
Basics of Occupational Health and Safety	141115011

Semester	Number of Course Hours per Week		Credit	ECTS
	Theory	Practice		
5	2	0	2	2

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

Course Language	Course Level	Course Type
Turkish	Undergraduate	Compulsory

Prerequisite(s) if any	None
Objectives of the Course	Teach the methods of prevention of occupational accidents and diseases in the workplace
Short Course Content	Definition of occupational safety , occupational accidents, occupational diseases, occupational safety in workplaces, Risk assessment, Guards, Fire, the relevant legislation

Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1 To improve the physical conditions of the workplace, develop alternative solutions and solving.	2	1,6	A,D
2 Design of the Workplace conditions (noise, heat, dust, etc.), taking measurements, analyzing the results and interpretation.	2,8	1,6	A,D
3 Potential risks in the workplace, assessment and development of solutions to protect human health	2,8	1,6	A,D
4			
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: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	<ul style="list-style-type: none"> Kahya, E., Özkar D. 2014, İş Güvenliği, ESOGÜ Yayın No :246, Eskişehir
Supporting References	<ul style="list-style-type: none"> 1.Yiğit, A., İş Güvenliği, 2013, Dora basım-Yayın Dağıtım Ltd. Şti, Bursa. 2.Bayır, M. ve Ergül, M., 2006, İş Güvenliği ve Risk Değerlendirme Uygulamaları, Bursa. 3.Dizdar, E.N., 2008, İş Güvenliği, 4.Baskı, Murathan Yayınevi, Trabzon. 4.Esin, A., 2006, Yeni Mevzuatın
Necessary Course Material	N/A

Course Schedule	
1	Course scope, execution, evaluation Occupational Safety (defines, importance, etc.)
2	Occupational Safety Culture
3	Work Accidents
4	Work Accidents
5	Occupational diseases
6	Factors Affecting Business Environment
7	Basic security rules in workplaces.
8	Mid-Term Exam
9	Basic security rules in workplaces.
10	Risk Assessment
11	Protectors
12	Fire
13	Occupational Safety Law
14	Occupational Safety Law
15	Occupational Safety Law
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	12	2	24
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)			
Mid-Term Exam	1	2	2
Studying for Mid-Term Exam			
Final Exam	1	2	2
Studying for Final Exam			
Total workload			56
Total workload / 30			1,86
Course ECTS Credit			2

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	
4	The ability to design in terms of spatial thinking using design principles and elements	
5	The ability to make applications in the interaction of aesthetics and function using design elements and means and to evaluate these applications	
6	The ability to visualize and present using two and three dimensional design tools	
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	5
9	The ability to carry out the design process effectively individually or in a team	
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