

**School of Engineering and Natural Sciences / Industrial Engineering (English)**

**2022 - 2023 Academic Year**

**OCCUPATIONAL HEALTH and SAFETY II**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
OCCUPATIONAL HEALTH and SAFETY II	İGV4211500	Spring Semester	2+0	2	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>	none				
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assist.Prof. Atakan MANGIR				
<b>Name of Lecturer(s)</b>	Lect. Zekeriya ÇELİK				
<b>Assistant(s)</b>					
<b>Aim</b>	Identify the risks encountered in Occupational Life and determine control methods.				
<b>Course Content</b>	This course contains; Introduction to Occupational Health and Safety and OHS Culture,Legal rights and responsibilities of employees,Legal rights and responsibilities of employees,Occupational Health and Safety Law No. 6331,The Employer's Obligations and Responsibilities in Occupational Health and Safety Services,The main employers - subcontractor relationships and contracts,OHS Risk Analysis,Definition, Cost and Legal Results of Occupational Accidents and Occupational Diseases,Occupational safety in construction works,Occupational safety in construction works (Asbestos),Physical risk factors,Chemical Risk Factors,Safety and health signs, use of personal protective equipment.,Biological and psychological risk factors.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Define the concepts and regulations related to occupational safety2. Know the legal rights and responsibilities of employees.3. Define the hazards encountered in construction works.4. Recognize and determine the risk factors encountered in Occupational Life			1, 12, 2, 3		
<b>Teaching Methods</b>	1: Lecture, 12: Case study, 2: Question - Answer, 3: Discussion				
<b>Assessment Methods</b>					
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction to Occupational Health and Safety and OHS Culture				
2	Legal rights and responsibilities of employees				
3	Legal rights and responsibilities of employees				
4	Occupational Health and Safety Law No. 6331				
5	The Employer's Obligations and Responsibilities in Occupational Health and Safety Services				
6	The main employers - subcontractor relationships and contracts				
7	OHS Risk Analysis				
8	Definition, Cost and Legal Results of Occupational Accidents and Occupational Diseases				
9	Occupational safety in construction works				
10	Occupational safety in construction works (Asbestos)				
11	Physical risk factors				
12	Chemical Risk Factors				
13	Safety and health signs, use of personal protective equipment.				
14	Biological and psychological risk factors				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		30			
General Exam		70			

<b>Resources</b>
Training Presentations will be given to students.none