

**Vocational School / Construction Technology**  
**2024 - 2025 Academic Year**  
**OCCUPATIONAL HEALTH and SAFETY**  
**Syllabus**

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
OCCUPATIONAL HEALTH and SAFETY	İNŞ1160980	Fall Semester	2+0	2	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Lect. Aybüke ALKANAT GÜNALTAY				
<b>Name of Lecturer(s)</b>	Lect. Ömer ÖZÇAM				
<b>Assistant(s)</b>					
<b>Aim</b>	The historical development of the concept of security in the world and in our country, the business today, to be informed about the safety practices and principles .				
<b>Course Content</b>	This course contains; Occupational health and safety rules and common safety culture., Information about the labor legislation, legal rights and responsibilities of employees., Safety and health signs, use of personal protective equipment., The implementation of the technical principles of the causes and prevention of occupational accidents., The legal consequences of occupational accidents and occupational diseases., The causes of occupational diseases, workplace cleanliness and order., The implementation of the principles of disease prevention and protection techniques., Biological and psychosocial risk factors., First aid. damages and passive exposure to tobacco and tobacco products., Chemical, physical and ergonomic risk factors., Manual lifting and handling, working with display screen equipment, Flash, explosion, fire, and fire protection, evacuation and rescue., Safe use of work equipment., Electrical hazards, risks and precautions..				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Summarize the historical development of occupational safety.			13, 14, 16, 5, 9	A	
2. Summarize the general definitions about occupational safety.			13, 14, 16, 5, 9	A	
3. Summarize the institutions and their activities related to occupational safety, both in Turkey and in the world.			13, 14, 16, 5, 9	A	
4. Summarize the reasons for the occupational accidents and diseases and protection methods against them.			13, 14, 16, 5, 9	A	
<b>Teaching Methods</b>	13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 5: Cooperative Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Occupational health and safety rules and common safety culture.				
2	Information about the labor legislation, legal rights and responsibilities of employees.				
3	Safety and health signs, use of personal protective equipment.				
4	The implementation of the technical principles of the causes and prevention of occupational accidents.				
5	The legal consequences of occupational accidents and occupational diseases.				
6	The causes of occupational diseases, workplace cleanliness and order.				
7	The implementation of the principles of disease prevention and protection techniques.				
8	Biological and psychosocial risk factors.				
9	First aid. damages and passive exposure to tobacco and tobacco products.				
10	Chemical, physical and ergonomic risk factors.				
11	Manual lifting and handling, working with display screen equipment				
12	Flash, explosion, fire, and fire protection, evacuation and rescue.				
13	Safe use of work equipment.				
14	Electrical hazards, risks and precautions.				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

Resources
Lecturer will share textbook in the classroom. Dr. Ercüment N. DİZDAR İş Güvenliği Kitabı, Occupational Health and Safety Legislation