

COURSE SYLLABUS
Vocational School

Course Code	Course Title	Credits (T-P-L)	ECTS
İSG 101	Introduction to Occupational Health and Safety	3-0-3	8
Prerequisites	None		
Language of Instruction	Turkish	Mode of Delivery	Face-to-face
Course Type and Level	Compulsory / 1st Year / Fall Semester		
Instructor	Class Hours	Office Hours	İletişim
Lecturer Ayşe Tazegül	Monday 13:25-15:45	Tuesday-Thursday 10:00-16:00	ayseercan@cag.edu.tr
Course Coordinator	Lecturer Ayşe Tazegül		

Learning Outcomes

Course Learning Outcomes	Upon successful completion of this course, the student will be able to:		Relations	
			Program Outcomes	Contribution
	1	Explain the basic concepts related to occupational safety and worker health.	1,3	5,5
	2	Explain risk, prevention, and the concept of safety culture.	1,2,3	5,5,4
	3	Explain the risk factors causing occupational accidents and diseases.	1	5
	4	Explain the legal framework regarding occupational health and safety.	3	5
	5	Learn the duties and responsibilities of occupational safety experts, workplace physicians, and other health personnel.	1,4	5,5
	6	Explain basic information about health and safety signs.	1,2,3	5,5,5

Course Objective and Description	The Introduction to Occupational Health and Safety course aims to promote a safety culture to protect workers' health and prevent occupational accidents and diseases. This course covers the fundamental concepts, historical development, national and international legislation of occupational health and safety, the responsibilities of employers and employees, risk assessment methods, causes and prevention of occupational accidents, and principles for creating a safe working environment. In addition, the course focuses on improving safety culture, raising employee awareness, and emphasizing the foundations of sustainable safety management systems.
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Course Contents: (Weekly Course Plan)

Week	Topic	Preparation	Teaching Method and Techniques
1	Concept and History of Occupational Health and Safety	Review course syllabus	Lecture, Q&A
2	Occupational Health and Safety in Turkey and the World / National and International Organizations	Read the duties of ILO, WHO, Ministry of Labour, SGK, etc.	Presentation, Group Work (students research and present different institutions)
3	General Overview of Occupational Health and Safety	Review legislation summaries, analyze	Brainstorming, Q&A

		current statistics	
4	Safety Culture	Research occupational accident case studies	Discussion, Q&A
5	Duties and Responsibilities of Employer, Occupational Safety Expert, Workplace Physician, and Other Health Personnel	Research the OHS Law (No. 6331) and duty descriptions	Lecture, Q&A
6	Causes of Occupational Accidents; Unsafe Acts and Conditions / Occupational Risks Threatening Workers	Review accident reports	Case Analysis, Brainstorming
7	What is Risk? Risk Assessment Team and Risk Analysis / OHS Committees	Research a sample risk assessment form	Group Work, Workshop (sample risk analysis)
8	Midterm Exam		
9	Midterm Exam		
10	Chemical Risk Factors	Research MSDS documents	Lecture, Discussion
11	Biological Risk Factors	Research disease examples (occupational diseases)	Lecture, Discussion
12	Psychosocial Risk Factors	Research examples of work stress and mobbing	Q&A, Group Discussion
13	Technical Visit	Read the legislation related to OHS work areas	Practice
14	Personal Protective Equipment (PPE)	Examine PPE types (helmet, mask, gloves)	Visual Training, Q&A
15	Health and Safety Signs	Research classifications of signs (warning, prohibition, emergency exit)	Visual Training, Presentation
16	Working in Confined and Restricted Spaces	Procedures for working in confined and restricted areas	Case Analysis, Lecture
17	Final Exam		
18	Final Exam		

Course Resources

Course Book	Gültekin, Ö. (2021). <i>Introduction to Occupational Health and Safety</i> . Ankara: Akademisyen Publishing.
Recommended Resources	Acar, M. N. (2025). <i>OHS Field Guide Book</i> (ISBN 9786257602181). Pelikan Medical Technical Publishing.

Assessment and Evaluation

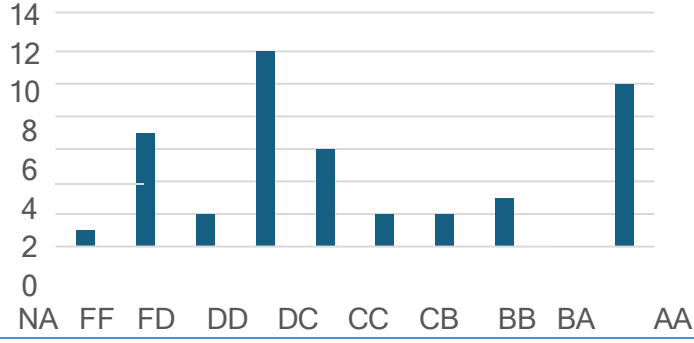
Activity	Number	Contribution (%)	Notes
Midterm Exam	1	20	Written exam
Assignment	1	10	Individual report
Presentation	1	10	Group presentation/poster study
Participation / In-class Activities	1	10	Active participation in discussions and group activities

Final Exam	1	50	Comprehensive written exam
AKTS Tablosu			
Activity	Number	Hours	Total
Class Duration	14	3	42
Out-of-Class Study	14	6	84
Assignments	1	12	12
Presentation	1	30	30
Participation / In-Class Activities	1	14	14
Midterm Exam (Exam + Preparation)	1	27	27
Final Exam (Exam + Preparation)	1	36	36
Total			271
Total / 30			245 / 30
ECTS Credit			8

Past Academic Achievements

2024-2025 Fall Semester

ISG101 Introduction to Occupational Health and Safety



2024-2025 Spring Semester - Course Code and Title

