

COURSE SYLLABUS Vocational School

Course Code		Course Title			Credits (T-P-L)		EC	TS	
İSG 101		Introduction to Occupational Health	3-0-3				8		
Prer	equisites	None							
Language of Instruction		Turkish	Face-to-face						
Cours	se Type .evel	Compulsory / 1st Year / Fall Semester							
Instr	uctor		Class Hours	Office Hours		;	İletişim		
	Le	cturer Ayşe Tazegül	Monday 13:25-15:45	Tuesday-Thursday 10:00-16:00		ayseercan@cag.edu. tr			
Coor	rse dinator	Lecturer Ayşe Tazegül							
		Learnir	ng Outcomes	5					
' 0							Relations		
Course Learning Outcomes	Upon sud	ccessful completion of this course, the	student will be able to:			Program Outcomes		Contribution	
g Out	1	Explain the basic concepts related t worker health.		1,3		5,5			
ırning	2	Explain risk, prevention, and the concept of safety culture.					2,3	5,5,4	
) Lea	3	Explain the risk factors causing occupational accidents and diseases.						5	
ours	4	Explain the legal framework regarding occupational health and safety. 3 5						5	
O	5	Learn the duties and responsibilities of occupational safety 1,4 5,5 experts, workplace physicians, and other health personnel.						5,5	
	6	Explain basic information about hea	1,2,3		5,5,5				
-	rse ective and cription	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.							
Course Contents: (Weekly Course Plan)									
Week		Topic	Prep	aration	Teaching Method and Techniques		d and		
1		ept and History of Occupational and Safety	Review cou syllabus	Lecture, Q&A					
2	Occup and th	pational Health and Safety in Turkey ne World / National and International izations	Read the du ILO, WHO, Labour, SG	Ministry o	Presentation, Group Work (students research and presendifferent institutions)			h and present	
		ral Overview of Occupational Health	Poviou logi	•					

Review legislation

summaries, analyze

Brainstorming, Q&A

General Overview of Occupational Health

3

and Safety



Risk Analysis / OHS Committees risk assessment form risk analysis								
Safety Culture					current statistics			
Cocupational Safety Expert, Workplace Physician, and Other Health Personnel Causes of Occupational Accidents: Unsafe Acts and Conditions / Occupational Risks Threatening Workers What is Risk? Risk Assessment Team and Risks Analysis / OHS Committees Research a sample risk analysis / OHS Committees Research a sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research as sample risk analysis / OHS Committees Research disease documents Research disease (occupational diseases) (occupational diseases) (occupational diseases) (occupational diseases) Research examples of work stress and mobbing Research examples areas Read the legislation related to OHS work areas Examine PPE types (helmet, mask, gloves) Research (assessifications of signs (warning, prohibition, emergency exit) Procedures for working in confined and Restricted Spaces Procedures for working in confined and restricted areas Research as an prohibition, emergency exit) Procedures for working in confined and restricted areas Research as an prohibition, emergency exit) Procedures for working in confined and restricted areas Research as an an expensive publishing. Course Book Gültekin, O. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Activity Number Contribut Notes Occupation in discussions and group Occupation in discussions Occupation in discussions Occupation in discussions Occupation in discussions Occupat	4	Safety Culture			occupational accident	Discussion, Q&A		
Acts and Conditions / Occupational Risks Threatening Workers What is Risk? Risk Assessment Team and Risk Analysis / OHS Committees Midterm Exam Midterm Exam Midterm Exam Midterm Exam Research MSDS documents Research disease examples of work stress and mobbing Research exames of work stress and mobbing Research work areas Personal Protective Equipment (PPE) Research MSDS documents Research disease examples of work stress and mobbing Read the legislation related to OHS work areas Examine PPE types (helmet, mask, gloves) Research disease examples of work stress and mobbing Read the legislation related to OHS work areas Examine PPE types (helmet, mask, gloves) Research disasfications of signs (warning, prohibition, emergency exit) Working in Confined and Restricted Spaces Working in Confined and Restricted and restricted areas Course Book Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Recommended Resources Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. Activity Number Notes Lecture, Discussion Lecture, Discussion Lecture, Discussion Moes Activity Active person and proup Cocupational diseases Lecture, Discussion Activity Active person and proper disk analysis. Case Analysis, Lecture of Case Analysis, Lecture and restricted areas Case Analysis, Lecture of Case Analysis, Lecture and restricted areas Course Resources Wisual Training, Presentation Case Analysis, Lecture of Case Analysis, Lecture and restricted areas Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis, Lecture of Case Analysis of Case Analysis of Case Analysis of Case Analysis of Case Analysis of Case Analysis of Case	5	Occupational Safety Expe	ert, Workplace alth Personnel		Law (No. 6331) and	Lecture, Q&A		
7 Risk Analysis / OHS Committees 8 Midterm Exam 9 Midterm Exam 10 Chemical Risk Factors 11 Biological Risk Factors 12 Psychosocial Risk Factors 13 Technical Visit 14 Personal Protective Equipment (PPE) 15 Health and Safety Signs 16 Working in Confined and Restricted Spaces 17 Final Exam 18 Final Exam 19 Midterm Exam 19 Midterm Exam 10 Chemical Risk Factors 11 Research MSDS documents Research disease examples of work stress and off work stress and order of work stress	6	Acts and Conditions / Occ Threatening Workers	cupational Risks			Case Analysis, Brainstorming		
9 Midterm Exam 10 Chemical Risk Factors 11 Biological Risk Factors 12 Psychosocial Risk Factors 13 Technical Visit 14 Personal Protective Equipment (PPE) 15 Health and Safety Signs 16 Working in Confined and Restricted Spaces 17 Final Exam 18 Final Exam 19 Final Exam 10 Chemical Risk Factors 10 Research disease examples of work stress and mobbing are read to OHS work areas 10 Course Resources 11 Research examples of work stress and mobbing areas 12 Psychosocial Risk Factors 13 Read the legislation related to OHS work areas 14 Personal Protective Equipment (PPE) 15 Research classifications of signs (warning, prohibition, emergency exit) 16 Working in Confined and Restricted Procedures for working in confined and restricted areas 17 Final Exam 18 Final Exam 19 Course Resources 19 Course Resources 10 Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. 10 Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. 10 Assessment and Evaluation 11 Number Contribut ion (%) 11 Midterm Exam 12 Written exam 13 Presentation 14 Oroup presentation/poster study 15 Postingtion In class Activities 16 Research examples (Active participation in discussions and group)	7					Group Work, Workshop (sample risk analysis)		
Chemical Risk Factors	8	Midterm Exam						
documents documents Research disease examples (occupational diseaseses) 12 Psychosocial Risk Factors Research examples of work stress and mobbing Read the legislation related to OHS work areas 13 Technical Visit Read the legislation related to OHS work areas 14 Personal Protective Equipment (PPE) Examine PPE types (helmet, mask, gloves) 15 Health and Safety Signs Research classifications of signs (warning, prohibition, emergency exit) 16 Working in Confined and Restricted Spaces Procedures for working in confined and restricted areas 17 Final Exam Course Resources Course Book Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Recommended Resources Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. Assessment and Evaluation Notes Midterm Exam 1 20 Written exam Assignment 1 10 Individual report Presentation I 1 Group presentation/poster study Activity Presentation I 1 Individual report Presentation in discussions and group	9	Midterm Exam						
Biological Risk Factors	10	Chemical Risk Factors				Lecture, Discussion		
12 Psychosocial Risk Factors of work stress and mobbing Read the legislation related to OHS work areas 14 Personal Protective Equipment (PPE) Examine PPE types (helmet, mask, gloves) 15 Health and Safety Signs Examine PPE types (helmet, mask, gloves) 16 Working in Confined and Restricted Spaces Procedures for working in confined and restricted areas 17 Final Exam 18 Final Exam Course Resources Course Book Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Recommended Resources Course Resources Course Resources Course Resources Course Resources Course Book Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Recommended Resources Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. Assessment and Evaluation Number Contribut ion (%) Midterm Exam 1 20 Written exam Assignment 1 10 Individual report Presentation In Individual report Presentation In Individual report Presentation In Individual report Presentation In Individual report Presentation In Individual report Presentation In Individual report Presentation In Individual report Presentation Indiscussions and group	11	Biological Risk Factors			examples (occupational	Lecture, Discussion		
Technical Visit related to OHS work areas 14 Personal Protective Equipment (PPE) 15 Health and Safety Signs 16 Working in Confined and Restricted Spaces 17 Final Exam 18 Final Exam 18 Final Exam 19 Course Book Course Book Recommended Resources Course Book Recommended Resources Activity Number Contribut ion (%) Midterm Exam 1 Q0 Written exam Assignment 1 D Activity Individual report Presentation Visual Training, Q&A (Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Assessment and Coccupational Health and Safety. Ankara: Akademise Pet types (helmet, mask, gloves) Visual Training, Q&A Visual Training, Q&A Visual Training, Q&A (Case Analysis, Lecture Case Analysis, Lecture Asses Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Nase Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Nase Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis, Lecture Case Analysis Visual Training, Q&A Case Analysis Visual Training, Q&A Case Analysis Visual Training, QA Case Analysis Visual Training, Q&A Visual Training, Presentation Case Analysis Visual Training, Presentation Visual Training, QAA Visual Training, Presentation Visual Training, QAA Visual Training, Presentation Visual Training, Presentation Visual Training, Presentation Visual Training, Pres	12	Psychosocial Risk Factor	s		of work stress and	Q&A, Group Discussion		
Personal Protective Equipment (PPE) (helmet, mask, gloves) Research classifications of signs (warning, prohibition, emergency exit)	13	Technical Visit		1	related to OHS work	Practice		
Health and Safety Signs Classifications of signs (warning, prohibition, emergency exit)	14	Personal Protective Equipment (PPE)			(helmet, mask,	Visual Training, Q&A		
Procedures for working in confined and Restricted Spaces Procedures for working in confined and restricted areas	15	Health and Safety Signs		:	classifications of signs (warning, prohibition,	Visual Training, Presentation		
Course Resources Course Book Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. Assessment and Evaluation Activity Number Contribut ion (%) Midterm Exam 1 20 Written exam Assignment 1 10 Individual report Presentation Perticipation (In class Activities 1 10 Active participation in discussions and group	16	_	Restricted		Procedures for working in confined	Case Analysis, Lecture		
Course Resources Gültekin, Ö. (2021). Introduction to Occupational Health and Safety. Ankara: Akademisyen Publishing. Recommended Resources Acar, M. N. (2025). OHS Field Guide Book (ISBN 9786257602181). Pelikan Medical Technical Publishing. Assessment and Evaluation Activity Number Contribut ion (%) Midterm Exam 1 20 Written exam Assignment 1 10 Individual report Presentation In Group presentation/poster study Participation / In class Activities 1 Active participation in discussions and group	17	Final Exam						
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Pelikan Medical Technical Publishing. Assessment and Evaluation Activity Number Contribut ion (%) Midterm Exam 1 20 Written exam Assignment 1 10 Individual report Presentation Perticipation / In class Activities 1 Active participation in discussions and group	Course	Book		`	,			
Activity Number ion (%) Contribut ion (%) 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	Recom	mended Resources	Pelikan N	/ledical Te	Гесhnical Publishing.			
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Assignment 1 10 Individual report Presentation 1 10 Group presentation/poster study Participation / In class Activities 1 10 Active participation in discussions and group					ıt Notes			
Presentation 1 10 Group presentation/poster study Participation / In class Activities 1 10 Active participation in discussions and group	Midterm	n Exam	1	20	Written exam			
Participation / In class Activities 1 Active participation in discussions and group	Assignn	nent	1	10	Individual report			
	Present	ation	1	10		· · · · · · · · · · · · · · · · · · ·		
асичись	Partici	Participation / In-class Activities 1			Active participation activities			



Final Exam	50	Comprehensive written exam		
Activity	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 + Preparatio	n)	1	27	27
Final Exam (Exam + Preparation)	1	36	36	
	271			
	245 / 30			
			ECTS Credit	8



Past Academic Achievements



