

COURSE SYLLABUS Vocational School

Cou	rse Code	Course Title			Credits (T-P-L)			ECTS	
ISG-108		Occupational Diseases and Occupational Health			3-0-3			6	
Prere	Prerequisites None								
Language of Instruction		Turkish Mode of Delivery Fac					e to face		
Course Type and Level Compulsory / 1st Year / Spring Semester									
Instructor			Class Hours Office Hour				•		
	Le	cturer Ayşe Tazegül	Monday 13:25–15:45	Tuesday-Thursday 10:00-16:00			ayseercan@cag.edu. tr		
Course Coordinator Lecturer Ayşe Tazegül									
		Learnin	g Outcomes	.					
							Relations		
60	Upon suc	ccessful completion of this course, the	e student will be able to:			Program Outcomes		Contribution	
Learning Outcomes	1	Recall the concept, definitions, and classifications of occupational diseases.					,2	4,5	
Outc	2	Explain the effects of physical, chemical, biological, ergonomic, and psychosocial factors on health.					,2	5,5	
ning.	3	Conduct a risk assessment for occusample workplace.	1,2		4,5				
Leal	4	Analyze measurement/monitoring rodust, etc.).	1,2		5,5				
Course	5	Develop improvement plans within the hygiene and ergonomics.	1,2		5,5				
ŏ	6	Evaluate the adequacy of health su employment, periodic examinations	1,2		5,5				
	7	Assess the cause-effect relationship of various occupational diseases.					2	5,5	
This course covers the definition, classification, causes, and prevention of occupational diseases within the scope of occupational health and safety. Students are taught occupational diseases arising from chemical, physical, biological, ergonomic factors, their clinical symptoms, and diagnostic methods. The course also examines workplace risk assessment, planning and implementation of preventive measures, reporting obligations, and legal requirements. By the end of the course, students will have gained knowledge and skills in the early recognition and prevention of occupational diseases, as well as in managing health rise the workplace.								ological, and ntation of early	
Course Contents: (Weekly Course Plan)									
Wee	k	Topic	Preparation			Teaching Method and Techniques			
1		uction: Definition, scope, and Review course tance of occupational diseases syllabus			Le	Lecture, Q&A			



	Historical development ar	nd the stat	us of	Sho	ort reading on			
2	occupational diseases in	Türkiye			sic concepts	Discussion, Presentation		
3	Occupational health and (Law No. 6331, Law No. 631, Law No. 6331, Law No	5510, SGK	(view legislation	Lecture, Case Study		
4	Hierarchy of prevention a assessment in occupation			Research sample cases		Case Analysis, Brainstorming		
5	Physical factors I: Noise, comfort	vibration,	tnermai	rela fac	search cases ated to physical tors	Lecture, Practical Example		
6	Physical factors II: Radiat	tion and lighting		occ dis	search statistics on cupational eases caused by /sical risks	Lecture, Discussion		
7	Chemical factors: Toxic substances, SDS, TWA/STEL values			Re	view sample SDS	Demonstration, Practical Work		
8	Midterm Exam							
9	Midterm Exam							
10	Biological factors: Infectious diseases, risks in the health sector				ad related articles	Lecture, Group Discussion		
11	Ergonomic risks: Musculo disorders			Observe environments (home, mall, school, etc.)		Discussion, Role Play		
12	Psychosocial factors: Wo work, mobbing	rk stress,	stress, shift		search ernational statistics	Group Work, Drama		
13	Occupational hygiene and measurements (dust, gas			occ	search cupational hygiene dies	Lecture, Practical Example		
14	Health surveillance: Pre-eperiodic examinations	employme	nt and	Review lecture notes		Lecture, Q&A		
15	Student presentations				epare for esentation	Group Work, Q&A		
16	Sectoral examples: Healt construction, agriculture	h, mining,		Choose a sector and conduct research on occupational diseases		Case Analysis, Comparison		
17	Final Exam							
18	18 Final Exam							
			Course I	Res	sources			
Course	Book			andal, A. (Eds.). (2020). Occupational Health and onal Diseases. Hacettepe University Publications.				
Recom	Balci,			., Soner, B., Aydoğan, B., & Yener, A. (2020). Work Accidents and ional Diseases. Yetkin Publishing. ISBN 978-605-05-0548-1.				
Assessment and Evaluation								
	Activity	Number	Contrib ion (%)		Notes			
Midterm	Exam	1	20		Written exam			
Assignm	nent	1	10		Individual report			
Presenta	ation	1	10		Group presentation / poster work			
Participa	ation / In-Class Activities	1	10		Active participation in discussions, group work, and class activities			
Final Ex	am	1	50		Comprehensive written exam			



AKTS Tablosu							
Activity	Number	Hours	Total				
Class Duration	14	3	42				
Out-of-Class Study	14	5	70				
Assignments	1	10	10				
Presentation	1	6	6				
Participation / In-Class Activities	1	14	14				
Midterm Exam (Exam + Preparation)	1	18	18				
Final Exam (Exam + Preparation)	1	28	28				
	180						
	180 / 30						
	6						

