



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Occupational Safety								
Course Code	OHS501	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	5	Workload	127 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Having knowledge about the historical development of the concept of Occupational Safety in the world and in our country, and today's occupational safety practices and principles.								
Course Content	The historical development of occupational health and safety, work accidents and occupational diseases and cost, concept of occupational safety, importance of work safety in labor force productivity, basic elements of occupational safety, sources of danger, occupational health concept, psychosocial risk factors, National and International Health and safety organizations, ILO directives, safety disturbances: Fire, Earthquake and Flood.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)	Lec. Esra ÖRENLİLİ YAYLAGÜL								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	İş Sağlığı ve Güvenliği-İlknur Kılıç
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Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Definition of occupational health and safety and the purpose, importance, birth of the working class and historical development of occupational health and safety in the world: Before the Industrial Revolution
2	Theoretical	Development stages of OHS and development in the world during and after Industrial Revolution, Development of OHS in Turkey: Ottoman period, 1st Great National Assembly period, Republic period
3	Theoretical	International OSH Resources: ILO Conventions, European Social Charter, EU Directives.
4	Theoretical	National organizations and duties related to OHS: ÇSGB, ÇASGEM, İSGAGEM, SGK, Inspection Board
5	Theoretical	The objectives of the OHS, the parties involved in the implementation, the assessment of the OHS costs in terms of the parties
6	Theoretical	Definition of accident and work accident, accident occurrence theories, accident types, occupational diseases
7	Theoretical	Psychosocial risk factors and ways of protection, ways of protecting physical risk factors, filling and application of accident report
8	Intermediate Exam	Basic risk analysis
9	Theoretical	Application ways of basic risk analysis
10	Theoretical	Events That Can Destroy Business Security: Fire. Burning, types of fire, extinguishing devices, causes of fire
11	Theoretical	Events That Can Destroy Business Security: Fire. Burning, types of fire, extinguishing devices, causes of fire
12	Theoretical	OHS related documents, monitoring and implementation of sample videos of work accidents
13	Theoretical	OHS related documents
14	Final Exam	Monitoring and implementation of sample videos of work accidents

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	15	0	15
Seminar	1	30	0	30
Term Project	1	30	0	30
Individual Work	1	5	0	5
Midterm Examination	1	7	1	8



Final Examination	1	10	1	11
Total Workload (Hours)				127
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To learn the historical development of occupational health and safety
2	To learn general information about occupational accidents and occupational diseases
3	To learn the causes of hazards
4	To learn situations and solutions for disrupting occupational health and safety
5	To learn preventive measures

Programme Outcomes (Occupational Safety and Health Interdisciplinary Master's Without Thesis)

1	Sufficient knowledge accumulation in Mathematics, Physical Sciences and Occupational Health and Safety topics; the ability to implement theoretical and practical knowledge in these fields in order to solve and model Occupational Health and Safety problems.
2	The ability to detect, to identify, to formulate and to solve complicated problems in Occupational Health and Safety and related fields by choosing and implementing appropriate analysis methods.
4	The ability to improve, to choose, to use modern and technical tools required for Occupational Health and Safety applications and the ability to benefit from information technologies effectively.
5	The ability to design experiments so as to inspect Occupational Health and Safety problems, to carry out experiments, to gather data, to analyse results and to comment on results.
11	Information about effects of Occupational Health and Safety applications on health, environment and safety in universal and social extend; awareness about national and international legislative regulations and standards, awareness about legal conclusions of Occupational Health and Safety solutions.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	3	4	4	4	3
P2	3	5	5	5	4
P4	4	5	5	5	3
P5	5	4	4	4	4
P11	3	4	4	4	4

