



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Risk Assessment and Risk Management							
Course Code		OHS505		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Risk Analysis, which is obligatory to be performed in the workplace; To give necessary education about the subject, and to make it possible to practice.							
Course Content		Risk map, Preliminary danger analysis, occupational safety analysis, what happens if analysis, primary risk analysis, risk assessment decision matrix, hazard and operational methodology, error analysis tree, safety audit, event tree analysis, cause and effect analysis.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Risk Değerlendirmesi-Anadolu Üniversitesi
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Week	Weekly Detailed Course Contents	
1	Theoretical	Danger, risk and risk management concepts
2	Theoretical	The place and importance of risk management concept in OHS
3	Theoretical	Danger sources and the risks they create
4	Theoretical	Obligation of risk assessment
5	Theoretical	Risk assessment methods and their comparisons
6	Theoretical	Risk assessment methods and their comparisons
7	Theoretical	Risk assessment methods and their comparisons
8	Intermediate Exam	Mid-term Exam
9	Theoretical	Legislation on risk assessment
10	Theoretical	Sample applications and their examination
11	Theoretical	Sample applications and their examination
12	Theoretical	Application homework
13	Theoretical	Assessment of Assignments
14	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Seminar	1	40	0	40
Term Project	2	25	0	50
Midterm Examination	1	7	0	7
Final Examination	1	10	1	11
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To know danger and risk analysis concepts.
2	To know the importance and importance of risk analysis.



3	To know the different risk assessment methodologies and their differences
4	To choose the appropriate risk assessment methodology for the workplace
5	To know the relevant legislation

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	4	5	4	4	4
P2	5	5	4	5	5
P4	4	4	5	4	4
P5	5	4	5	5	5
P11	4	4	4	4	5

