



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Risk and Damage Analysis							
Course Code		İSP211		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To have knowledge about risk assessment and management concepts and risk assessment methods.							
Course Content		Risk management and general management Hazard and risk concepts Risk sources and the risks they create Risk assessment as part of risk management Fundamental justifications for risk assessment Risk assessment team and employee participation Risk assessment techniques and benchmarks Risk analysis and techniques Risk assessment practices Related legislation							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Lec. Nadir Savaş ÖTER							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Risk Analizi, Süleyman Özmen
---	------------------------------

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification of Machine Elements
2	Theoretical	Connecting Elements
3	Theoretical	Bearings and pulleys
4	Theoretical	clutches
5	Theoretical	Miller and Axles
6	Theoretical	Gear Wheels
7	Theoretical	Welding, Soldering, Rivet
9	Theoretical	Bolt Connections and Calculations, Pin and Perno Calculations
10	Theoretical	Ovens, Steam Boilers and Operation
11	Theoretical	Screening and Sorting Materials
12	Theoretical	Crushers, Mixers, Drilling Machines, Pumps, Compressors
13	Theoretical	Chimney Filters, Transportation, Lifting, Pulling
14	Theoretical	Machines and Tools for Pushing, Digging, Drilling, Cutting, Etching
15	Theoretical	Machines and Tools for Pushing, Digging, Drilling, Cutting, Etching

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	25	0	3	75
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	.
2	.
3	Define the concepts of danger and risk
4	Explain risk assessment methods
5	Makes risk analysis



Programme Outcomes (Occupational Safety and Health)

1	.
2	.
3	.
4	.
5	.
6	.
7	.
8	.
9	.
10	.

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

	L1	L2
P1	5	5
P2	5	5
P3	5	5
P4	5	5

