

Course Title-Course Code: ENV 537 Environmental Risk Management				Programme Name: ENVIRONMENTAL SCIENCES			
Semester	Methods of Education					Credits	
	Lecture	Recit	Term paper	Other	Total	Credit	ECTS Credit
1-2	42		100	46	188	3	7,5
Language	Turkish						
Compulsory / Elective	Optional						
Prerequisites	-						
Course Contents	Risk management, principals of the environmental risk management, organization and safety of the risk, safety of the system and environmental, risk of human and employment, risk analysis consider work and working safety, techniques and applications						
Course Objectives	Environmental risk analysis about protecting of human and surrounding						
Learning Outcomes and Competences	Understanding of the ecological risk and risk analysis methods of environment. Learning of the technics of risk management.						
Textbook and /or References	<ol style="list-style-type: none"> 1 John Ridley, Safety at work, <i>Sixth Ed.</i> Butterworth Heinemann Company, 2003 2. Tania Mol, "Productive Safety Management", Butterworth Heinemann Company, 2003 3. Environmental Protection Act, 1990, The Stationery Office, London, 1990 						
Assessment Criteria						If any, mark as (X)	Percentage (%)
	Midterm Exams					X	30
	Quizzes						
	Homeworks						
	Projects						
	Term Paper					X	20
	Laboratory Work						
	Other					X	10
Final Exam					X	40	
Instructors	Yrd. Doç. Dr. Hüseyin TOPAL						
Week	Subject						
1	What is the risk?						
2	Technological usage and environmental risks.						
3	Hazards, risk and dangeraus						
4	Principles of the environmental risk management						
5	Fault model, profiles of risks						
6	Organisation and safety of the risk management						
7	Aplications of environmental risk analysis						
8	Strategies of the risk control						
9	Potential problems (Toxic emissions and food industryand health risks)						
10	Occupational health and hygiene						
11	Workplace safety						

12	Fault and natural System	Teknolojik sistemlerde hata ve doğal hasarlar
13	Decisions and uncertainty	
14	Regulatory policy and control laws about the environmental risk	