

Course Title-Course Code: 504 ENVIRONMENTAL MANAGEMENT						Name of the Programme: Environmental Science			
Semester	Teaching Methods							Credits	
	Lecture	Recite	Lab.		Term Paper	Other	Total	Credit	ECTS Credit
1-2	42				100	46	188	3	7.5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	No								
Course Contents	To teach environmental protection, rational resource usage and principles of sustainable development. To develop the environmental friendly behaviors, examination of green and clean production patterns.								
Course Objectives	To learn about green production tools and applications for rational use of natural resources, to learn holistic evaluation of technical, social legislative and economical dimensions of environmental management								
Learning Outcomes and Competences	Problem solving and evaluation of different alternatives Data assesment To learn environmental management tools								
Textbook and /or References	<ol style="list-style-type: none"> Keleş, R., Hamamcı, C., Çevrebilim, İmge Yayınevi, Ankara, 2002 TSE EN ISO 14001, Çevre Yönetim Sistemleri, Nisan 2005. Wilson, G.A. "Environmental management. New directions for the twenty-first century., London, UCL Press, 1997. "Environmental Science for Environmental Management", ed. by T. O'Riordan. Second edition. Pearson Education, 2000. "Environmental Management: readings and case studies", ed. by L. Owen and T. Unwin. Blackwell Publishers, UK, 1997. Manjare, S.D. ve Babu, B.V., Environmental Management Systems, Educational Development Division, Birla Institute of Technology and Science, India, 2005.								
Assessment Criteria								If any, mark as (X)	Percent (%)
	<i>Midterm Exams</i>							x	30
	Quizzes								
	Homeworks								
	Projects								
	Term Paper							x	20
	Laboratory Work								
	Other							x	10
	Final Exam							x	40
Instructors									
Week	Subject								

1	What is environment and management? What is environmental management?
2	Basic ecological terms and importance of natural resources
3	Development/environmental protection relationship/dilemma
4	Technical, social and legislative dimension of environmental components
5	Water resources management
6	Solid waste management
7	Air pollution management
8	Environmental management tools (ISO 14001, EMAS, etc)
9	Environmental Impact Assessment and Strategic Assessment
10	MID TERM Management in TR
11	Case Studies (from Turkey)
12	Case Studies (from World)
13	Comparison of cases from EU in harmonisation period
14	