



EK-3

**CUMHURİYET UNIVERSITY ENGINEERING FACULTY****Environmental Engineering Department Course Information Form**

Department	Environmental Engineering		
Semestr/Year	2		
Name of Course	Advanced Environmental Impact Assessment		
Level of Course	Postgraduate		
Mandatory / Selective of Course	Mandatory		
Language of Course	Turkish		
Code	Env. 8002		
(T+P) hours	3+0		
Credit	3		
ECTS	10		
Prerequest Courses	none		
Category of Course			
Course Coordinator	Prof. Dr. Ali YILMAZ	e-mail:ayilmaz	Phone:1298
Course Lecturer	Prof. Dr. Ali YILMAZ		
Other Supplementary Lecturers			
Course Objectives	To comprehend main principle of Environmental Impact Assessment (EIA) and to follow and evaluate new developments on EIA in the international level.		
Course Content	Improvements related to philosophy of EIA and main concepts, Improvements on EIA methods, Important actions affecting quality of environment, Action plans on international EIA politics, Aims, objectives and other principles of national environmental action plans, Public participation in environmental decision making, Future and unsolved problems of EIA.		
Education System			

WEEKLY BASED COURSE CONTENTS		
Week	Detailed Content	Suggested preliminary preparation (name, page no, etc)
Week 1	Chapter 1. National Environmental Policy Act and its Implementation	Canter,L.W.,1977, Environmental Impact Assessment; McGraw-Hill Book Company, New York, USA, 331s.
Week 2	Chapter 2. Framework For Environmental Assessment	
Week 3	Chapter 3. Description of the Environmental Setting	
Week 4	Chapter 4. Prediction and Assessment of Impacts on Air Environment	
Week 5	Chapter 5. Prediction and Assessment of Impacts on Water Environment	
Week 6	Chapter 6. Prediction and Assessment of Impacts on the Noise Environment	
Week 7	Chapter 7. Prediction and Assessment of Impacts on the Biological Environment	
Week 8	Chapter 8. Prediction and Assessment of Impacts on the Cultural Environment	
Week 9	Chapter 9. Prediction and Assessment of Impacts on the Socioeconomic Environment	
Week10	Chapter 10. Methods of Impact Analysis	
Week11	Chapter 11. Public Participation in Environmental Decision Making	
Week12	Chapter 12. Practical Consideration in Writing Impact Statements	
Week13	Chapter 13. Future of Environmental Impact Assessment	
Week14	Chapter 14. Contents of EIA in Turkey and its Procedures	

SHARING EDUCATION MATERIAL AND ADVANCED SOURCES	
Education Materials	Homeworks and seminars are encouraged to improve student

and Course Notes	interactions.
Advanced Sources	Canter,L.W.,1977, Environmental Impact Assessment; McGraw-Hill Book Company, New York, USA, 331s. Papers from Environmental Impact Assessment Review.
Solution of Examination	Evaluation is done on the basis of final exam. Students must score minimum 75 over 100.

LEARNING OUTCOMES OF THE COURSE AND CONTRIBUTION OF PROGRAM LEARNING OUTCOMES			
Program Learning Outcomes*	Knowledge and Skills earned	CPLOC	MEM
LO-1			
LO-2			
LO-3			
LO-4			
LO-5			
LO-6			
LO-7			

LO: Learning Outcomes of Course
CPLOC: Code of Program Learning Outcome that contributed
MEM: Measurement and Evaluation Method

* Learning Outcomes of Course (LO) shouldn't exceed 10

CONTRIBUTION LEVEL OF COURSE TO PROGRAM OUTCOMES						
No	Program Learning Outcomes *	Contribution level **				
		1	2	3	4	5
P1						
P2						
P3						

P4						
P5						
P6						
P7						
P8						
P9						
P10						
P11						

* Program outcomes must be in the range of 8 – 14. ** at least=1

METHODS OF MEASUREMENT AND EVALUATION			
Method	Number	Date	Contribution ratio
Midterm			
Short exam			
Final Exam			
Homework			

ECTS/ WORK LOAD TABLE			
Efforts required for the course	Number	Time (hour)	Total work load (hour)
Lecture hours (Including exam week.i.e., 16x total lecture hours)			
Study hours of student out of lecture hours			
Short exams			
Preparation for midterm			
Midterm			
Preparation for final exam			
Final exam			

	Total work load	
	Total work load /30 (h)	
	ECTS credit of course	