	ENVIRONMENTAL ECONOMICS											
1	Course Title:	ENVIRO	NMENTAL ECONOMICS									
2	Course Code:	CEV310	8									
3	Type of Course:	Optional										
4	Level of Course:	First Cyc	cle									
5	Year of Study:	3										
6	Semester:	6										
7	ECTS Credits Allocated:	3.00										
8	Theoretical (hour/week):	2.00										
9	Practice (hour/week):	0.00										
10	Laboratory (hour/week):	0	0									
11	Prerequisites:	None										
12	Language:	Turkish										
13	Mode of Delivery:	Face to	face									
14	Course Coordinator:	Prof. Dr.	FEZA KARAER									
15	Course Lecturers:	Prof. Dr.	Serkan Gürlük									
16	Contact information of the Course Coordinator:	Prof.Dr.Feza KARAER BUÜ, Müh.F.,Çevre Müh.Böl., Tel: 224-2942108 Cep:0-532-4121995										
17	Website:											
18	Objective of the Course:	Main goals of the course are to explain how environmental problems can be integrated into the economic system. For this purpose, major principles necessary for efficient use of natural resources are defined and economical analysis of environmental quality is explained.										
19	Contribution of the Course to Professional Development:	The course provides the student with a basic knowledge of economics and conveys information about producer and consumer behavior. The course also provides an understanding of the mechanism of price formation in the market and helps the student with the problems that he / she will encounter in calculating the benefits and costs of the projects they will encounter in environmental engineering.										
20	Learning Outcomes:											
		1	Gain the main framework related with economy									
		2	Have knowledge about Social Welfare and external economies									
		3	Learned the applications about the mathematics of finance and make cost-benefit analysis									
		4	Select the most optimum project between alternative ones, benefit and cost analysis is given as an effective technique to be used in environmental resources management.									
		5										
		6										
		7										
		8										
		9										
		10										
21	Course Content:											
	Course Content:											

Week	Theoretical		Р	ractice								
1	Economics and basic concepts		Г									
2	Consumer Theory											
3	Utility concept and utility maximizatio	n										
4	Supply and Demand Concepts											
5	Price Formation in the Market Produc Consumer Surplus	cer and										
6	Producer Theory, Producer Profit Maximization and Declining Yields La	aw										
7	Environmental Economics, Developmeconomic Growth, Sustainable Deve											
8	Financing Mathematics, Interest Acc	ounts										
9	Uniform Series											
10	Non-Uniform Series											
11	Cost Elements and Comparison											
12	Cost-Benefit Analysis											
13	Comparison of Project Alternatives											
14	Economic Analysis of Environmental	Quality										
22 Activit	Textbooks, References and/or Other Materials:		Karpuzcu,M. (1987) Çevre Ekonomisi, İTÜ İnşaat Fak. Matbaası, İstanbul. • Eski H. (1990) Ekonomive Giris. Dokuz Eylül Üniv. Number Duration (hour) Total Work									
ACTIVIT	es			Indilibei	Duration (nour)	Load (hour)						
Theore	ical			14	2.00	28.00						
Practic	als/Labs			0	0.00	0.00						
SER V et L	EABNING ACTAVITIES	NUMBE R	W	Б І́С	2.00	28.00						
Homew	vorks			1	12.00	12.00						
Broject	S	1	10	9.00	0.00	0.00						
Field S	tudies			0	0.00	0.00						
Midter	n exams xam	1	6	0.00	12.00	12.00						
Others				0	0.00	0.00						
Einal E	xams ution of Term (Year) Learning Activitie	es to	4	0.00	10.00	10.00						
Total W	/ork Load					90.00						
<u>Total</u> riv	ชเด็ดอย่ะสิกิลhExam to Success Grade	е	6	0.00		3.00						
ECTS (Credit of the Course					3.00						
Measui Course	•		The measurement and evaluation of the course is done through attendance, quizzes and exams.									
24	24 ECTS / WORK LOAD TABLE											
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS											

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
ÖK3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0

ÖK4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Contrib ution Level:	1 '	very		1	ning C	bjec	1	s P Medi			m Qu 4 Higl	alifica n	tions		y High	