## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
Mİ507	Energy and Environment Politics	1	3	0	0	3	6

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish	
Course Type	Elective	
Course Level	Masters Degree	
Objective	The objective of this course is to familiarize students with basic concepts of Energy modes and its relation with the environment	
Content	Week 1. Introduction to the concept of energy and environment	
	Week 2,3 and 4. The fossil energy	
	Week 5,6. The Renewable energy	
	Week 7. The relationship between the energy modes and the environment	
	Week 8. The nuclear energy	
	Week 9. Global warming	
	Week 10,11. Use of energy in different industries	
	Week 12,13. Energy concept in Turkey and the world	
	Week 14. Energy politics in different firms	
References	Mehmet C.Marın, U.Yıldırım, "Çevre sorunlarına çağdaş yaklaşımlar", Beta, Mayıs 2004 R.A. Ristinen, J.P.Kraushaar, "Energy and the Environment", ISBN: 0471739898,2ND edition, Wiley H.Erdener, S.Erkan, E.Eroğlu, "Sürdürülebilir Enerji ve Hidrojen", ODTÜ yayınları, ISBN: 9944-344-40-1, 2007 Ç.Acar, Ç.Metin, S.Bülbül, "Petrol ve Doğalgaz", ODTÜ yayınları, ISBN: 9944-344-46-3, 2007 (this shows some exemples of the course's references material)	

## **Theory Topics**

Week	Weekly Contents
1	Introduction to the concept of energy and environment
2	The fossil energy
3	The fossil energy
4	The fossil energy
5	The Renewable energy
6	The Renewable energy
7	The relationship between the energy modes and the environment
8	Mid-term exam

Week	Weekly Contents
9	The nuclear energy
10	Use of energy in different industries
11	Use of energy in different industries
12	Energy concept in Turkey and the world
13	Energy concept in Turkey and the world
14	Energy politics in different firms