

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

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