Course Syllabus

Code - Course Title	**EİD132U - Traditional and Renewable Energy Sources**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. HAKAN DAL

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts in Energy	
Week - 2		Traditional Energy Resources and Potential in the World and in Turkey	
Week - 3		Traditional Energy Potential, Production and Consumption in The World	
Week - 4		Formation, Properties and Preparation of Coals	
Week - 5		Coal Formation Stages, Coal Properties, Coal Production Methods	
Week - 6		Oil; Oil Formation Theories, Oil Reserves	
Week - 7		Natural Gas Production	
Week - 8		Natural Gas Reserves	
Week - 9		Hydraulic Energy	
Week - 10		Concept of Hydraulic Energy, Hydroelectric Power Plant Structure	
Week - 11		Biomass Energy	
Week - 12		Wind Energy	
Week - 13		Question Solutions	
Week - 14		Question Solutions	

Learning Outcomes

#	Learning Outcome
1	Basic Concepts in Energy
2	Traditional Energy Resources and Potential in the World and in Turkey
3	Formation, Properties and Preparation of Coals; Oil; Natural Gas Production
4	Hydraulic Energy, Biomass Energy, Wind Energy

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**