Course Syllabus

Code - Course Title	**EİD214U - Energy Economy**
Course Type	IV. 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.
Recommended Resources	Karakoç, T. H. (Ed.) (2020). Enerji Ekonomisi. Eskişehir: Anadolu Üniversitesi Yayını, No: 3989.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Energy Recovery Techniques	
Week - 2		Energy Economy in Heating Systems	
Week - 3		Energy Economy in Plumbing	
Week - 4		Vapour Steam Systems	
Week - 5		Solutions of Selected Problems	
Week - 6		Solutions of Selected Problems	
Week - 7		Midterm Exam	
Week - 8		Compressed Air Systems	
Week - 9		Energy Economy in Plumbing	
Week - 10		Energy Economy in Air Conditioning Systems	
Week - 11		Energy Economy in Steam Boilers and Fuel Energy Calculations	
Week - 12		Solutions of Selected Problems	
Week - 13		Solutions of Selected Problems	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	explain the contribution of heat recovery equipment to the economy.
2	determine the most suitable heat recovery technique in areas where energy economy can be made.
3	choose heat insulation materials used in plumbing.

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**