Course Syllabus

Code - Course Title	**EİD183U - Electricity Installation Plans**
Course Type	I. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ASSIST. PROF. DR. UTKU KAYA

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Taking the courses EİD203U Energy Analysis and EİD205U Energy Saving are also advised to the students who take/will take this course.
Recommended Resources	Elektrik Tesisat Planları (Editör: Mehmet Kurban), Anadolu Üniversitesi Yayınları, Anadolu Üniversitesi Yayın No:2788, Açıköğretim Fakültesi Yayın No: 1746, ISBN:978-975-06-1446-0, Eskişehir, 2013 http://eogrenme.anadolu.edu.tr
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General Information and Legislation	
Week - 2		General Information and Legislation	
Week - 3		Materials Used in Electrical Installations	
Week - 4		Lighting	
Week - 5		Weak Current Installation	
Week - 6		Application	
Week - 7		Reactive Power Compensation	
Week - 8		Reactive Power Compensation	
Week - 9		Application	
Week - 10		Protection in Electrical Installations	
Week - 11		Security in Electrical Installations	
Week - 12		Lighting and Interior Plans	
Week - 13		Power Installation Plans	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Application	

Learning Outcomes

#	Learning Outcome
1	To have knowledge about project planning and regulations.
2	To be able to understand the properties and differences of materials used in electrical installations.
3	To be able to make lighting selection and calculations.
4	To comprehend the basic specifications and rules on weak current installations.
5	To understand the importance of reactive power compensation, to be able to calculate the components of apparent power.
6	To know the protection and security measures in electrical installations.
7	To be able to interpret lighting and interior installation plans and drawings.
8	To be able to interpret force installation plans and drawings.

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**