



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Location							
Course Code		AEK115		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		The objective is to ensure students to make the best decision about facility establishment problems based on creating alternatives; structuring workflow charts for a facility and systematical planning, determining workplace layout.							
Course Content		1. Determining Needs Basic Descriptions: Facility Planning, Significance and Strategy 2. Developing Alternatives: Descriptions and Methods 3. Facility Design for Various Facility Functions							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Emre IŞIKLI							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Alternatif Enerji Kaynakları Yazar: Mustafa Acaroğlu
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Week	Weekly Detailed Course Contents	
1	Theoretical	Tesis Yerleşimi Temel Kavramlar
2	Theoretical	Çıktı, Süreç ve Çizelge Tasarımı
3	Theoretical	Akış Planlama
4	Theoretical	Faaliyet İlişkileri
5	Theoretical	Personel İhtiyaçları
6	Theoretical	Malzeme Taşıma Sistemleri: Temel Tanımlar
7	Theoretical	Malzeme Taşıma Ekipmanları ve Maliyetleri
8	Intermediate Exam	Mid-term exam
9	Theoretical	Yerleşim Planlama
10	Theoretical	Yerleşim Planlama Modelleri ve Tasarımı
11	Theoretical	Malzeme Aktarma Sistemleri ve Tasarımı
12	Theoretical	Ticari Tesis Yerleştirme Paketleri
13	Theoretical	Üretim Sistemleri
14	Theoretical	Tesis Sistemleri
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Lecture - Practice	13	1	1	26
Assignment	6	0	2	12
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	
2	
3	
4	
5	
6	
7	

**Programme Outcomes** (*Alternative Energy Sources Technology*)

1	To have knowledge about basic science and technology.
2	To have knowledge about basic energy and alternative energy sources.
3	To have knowledge about basic electrical and electronic laws.
4	To have knowledge about the installation and operation of energy facilities.
5	Learning the methods of recycling of waste and use of energy.
6	To have experience in energy generation and project design.

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6	L7
P1	3		3	3	3	3	3
P3	3		3	3	3	3	3
P4	5	5	5	5	5	5	5
P6	4	4	4	4	4	4	4

