AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Assembly and Conservative Maintenance								
Course Code	AEK108		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	It is aimed to raise technical personnel comprehend basic concepts and physical principles regarding the subject; principles of home- industrial network systems and devices, who could take responsibility on assembly and maintenance of systems and their components.								
Course Content	By understanding today's maintenance and error finding principles, recognizing failure warnings and sensing systems. By preparing failure-error finding diagrams, performing maintenance operations for electronic-electric circuit elements.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration								
Name of Lecturer(s)	Ins. Emine ERTÜRK ŞAHİN								

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

Week	Weekly Detailed Course Contents	
1	Theoretical	Maintenance and failure correction methods
2	Theoretical	Vocational term knowledge
3	Theoretical	Equipment and device knowledge
4	Theoretical	Safety at work and security knowledge
5	Theoretical	Importance of maintaining all equipment in a facility and to keep them operating
6	Theoretical	Purpose of enhancement of efficiency of machinary – equipment; maintenance quality and Project
7	Theoretical	Maintenance and repairing regulations for increnating devices
8	Theoretical	Losses effective on efficiency, failure losses and adjustment losses, resetting and continuous enhancing
9	Theoretical	Losses effective on efficiency, failure losses and adjustment losses, resetting and continuous enhancing
10	Theoretical	Independent maintenance and commencement
11	Theoretical	Efficiency indicators
12	Theoretical	Conservative maintenance
13	Theoretical	Maintenance planning, varieties and periodicle maintenance
14	Theoretical	Parameters effective on machinery – equipment performance.
15	Theoretical	Parameters effective on machinery – equipment performance.
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Assignment	8	0	3	24
Project	3	0	3	9
Individual Work	2	0	2	4
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	
2	
3	
4	
5	

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
P1	5	4		5	4
P2			5		5
P3	4		4	4	3
P4			4		
P5			3		5