



**AYDIN ADNAN MENDERES UNIVERSITY  
BUHARKENT VOCATIONAL SCHOOL**

**ELECTRICITY AND ENERGY  
ALTERNATIVE ENERGY SOURCES TECHNOLOGY  
COURSE INFORMATION FORM**

Course Title	Computer Aided Design I								
Course Code	AEK101	Course Level		Short Cycle (Associate's Degree)					
ECTS Credit	4	Workload	98 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Gaining capability and competency on digital designing tools.								
Course Content	Getiting acquainted with the computer aided design tools. Using basic design commands for 2- and 3-D designs.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study								
Name of Lecturer(s)	Lec. Hakan Can SÖYLEYİCİ, Ins. Emine ERTÜRK ŞAHİN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	AutoCAD ile Çizim ve Modelleme Yazar: Ahmet Taşkesen , Faruk Mendi , İhsan Toktaş , Cengiz Eldem

Week	Weekly Detailed Course Contents	
1	Theoretical	eng
2	Theoretical	eng
3	Theoretical	3
4	Theoretical	4
5	Theoretical	5
6	Theoretical	6
7	Theoretical	7
8	Intermediate Exam	Mid-term exam
9	Theoretical	9
10	Theoretical	10
11	Theoretical	11
12	Theoretical	12
13	Theoretical	13
14	Theoretical	14
15	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Lecture - Practice	13	0	2	26
Assignment	16	0	2	32
Midterm Examination	1	6	1	7
Final Examination	1	6	1	7
Total Workload (Hours)				98
[Total Workload (Hours) / 25*] = ECTS				4

\*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	4	4	4	4	4
P4		3	3		3
P6	5	5	5	5	5

