AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Quality Management Systems						
Course Code		TTİ253		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Total Quality consciousness, Total Quality Management principles, know the application steps and to educate students who are knowledgeable about current quality management system standards						
Course Content		At the end of this course students will be able to; 1. Will be able to express basic quality concepts, quality development, dimensions and elements. 2. Will be able to express quality gurus and their contribution to quality. 3. will be able to express the principles of Total Quality Management. 4. Will be able to express the quality responsibilities of the departments in the organization and those in various levels.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion						
Name of Lecturer(s)								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Quality Management Systems, Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Quality concept
2	Theoretical	Quality concept
3	Theoretical	Standard and standardization
4	Theoretical	Importance of standard in production and service sector
5	Theoretical	Management quality and standards
6	Theoretical	Management quality and standards
7	Theoretical	Environmental standards
8	Intermediate Exam	Midterm
9	Theoretical	Quality management system models
10	Theoretical	Strategic management
11	Theoretical	Participation in management
12	Theoretical	Process management system
13	Theoretical	Resource management system
14	Theoretical	perfection model

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11

Final Examination	1	10	1	11
		Total Workload (Hours)		50
		[Total Workload (Hours) / 25*] = **ECTS**		2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Will be able to express basic quality concepts, quality development, dimensions and elements.
2	Will be able to express the principles of Total Quality Management
3	Will be able to express the quality responsibilities of the departments in the organization and those in various levels.
4	Applies Quality Standards.
5	Learn the relevant regulations.

Programme Outcomes *(Alternative Energy Sources Technology)*

1	Carry out installing work
2	Do mechanical drawing
3	Do pipe welding
4	Do basic electricity works
5	Do Computer assisted design
6	Install solar energy hot water preparation system.
7	Do measurement and calculations practices.
8	Do basic practices of geothermal energy.
9	Install control and automation system.
10	Install domestic water heating system with solar energy.
11	Generate electricity with solar energy
12	Generate electricity with wind power
13	Do geothermal energy practices
14	Install domestic cooling system
15	Do heating pump practices
16	Manage a business
17	SET UP A WORKPLACE/ BUSINESS (pre-requisite)
18	OBEY VOCATIONAL ETHICAL VALUES
19	RESEARCH AND EVALUA0TION/OBSERVATION
20	SELFIMPROVEMENT WITH USING INFORMATION FACILITIES
21	Knows the effects of all energy sources on the environment.
22	Can communicate in a foreign language
23	Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences.
24	Ability to plan a career in their own profession.
25	To produce solutions by using the laws of physics in the use or design of tools-machines or devices related to the profession.
26	To provide them with knowledge about substance use and addiction problem and prevention methods.

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

	L1	L2	L3	L4	L5
P19	1	1	1	1	1
P20	1	1	1	1	1