



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quality Management Systems							
Course Code		AEK121		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	72 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course is aimed to acquire qualifications related to quality assurance standards for business life.							
Course Content		Quality and quality control concepts, quality control organization, quality elements of quality, purposes of quality control, classification of quality characteristics, quality control inspection and analysis, quality control sampling, control system and standards							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
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	Kalite Yönetimi Toplam Kalite Yönetimi ve Kalite Denetimi Yazar: Abdullah Ersoy , Mesiha Saat Ersoy
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Qualifications and Total Qualifications
2	Theoretical	Quality, Historical and related concepts
3	Theoretical	Quality Management Systems Terminology
4	Theoretical	What is Quality and Management
5	Theoretical	What is the quality documentation and how to establish the quality system
6	Theoretical	ISO ,TSE systems
7	Theoretical	ISO ,TSE systems
8	Intermediate Exam	Midterm exam
9	Theoretical	Problem Solving Techniques in Quality Management Systems
10	Theoretical	Problem Solving Techniques in Quality Management Systems
11	Theoretical	QMS Measurement Analysis
12	Theoretical	What is 6 sigma, 6 sigma Terminology
13	Theoretical	6 sigma Application Methods
14	Theoretical	Overall Assessment of Quality Examples from the World
15	Theoretical	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	2	26
Assignment	6	1	1	12
Project	5	2	2	20
Midterm Examination	1	6	1	7
Final Examination	1	6	1	7
Total Workload (Hours)				72
[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	5	5	5	5
P4	3	3	3	3	3

