AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Quality Security and Standarts					
Course Code		TTİ114		Couse Level	Short Cycle (Associate's Degree)		
ECTS Credit	3	Workload	74 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		It is aimed to apply systems of quality assurance, quality control and prepare Pareto and characteristic diagrams in this course.					
Course Content		Standardization Related Operations, Quality and Standards in the Field of Production and Service Provision, Management Quality and Standards Implementation, Quality Policies in the Process of Production and Service Practice, Practice Standards for Quality and Environmental Management, Quality Control, Application of Control Card, Drawing Pareto diagram, Characteristic diagram preparation					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods		Explanation (Presentation)					
Name of Lecturer(s)		Ins. İsminaz ÖZCAN, Ins. Merve MUTİ İSTEK					

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Kalite Güvencesi ve Standartları (Mak.Müh.Nihat Kölük,İrfan Dilsiz)
2	İnternet
3	Ders notları

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Theoretical	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Term Project	5	2	0	10
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
			Total Workload (Hours)	74
			[Total Workload (Hours) / 25*] = **ECTS**	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Applying systems of quality assurance

2	Applying systems of quality assurance
3	Applying quality control
4	Preparing Pareto and characteristic diagrams
5	To be able to define national and international standardization organizations and their duties

Programme Outcomes *(Mechatronics)*

1	TECHNICAL FOREIGN LANGUAGE
2	BASICS OF MECHATRONICS
3	TECHNICAL DRAWING
4	DOING BASIC MECHANIC PROSESES
5	CHOOSE THE MATERIALS
6	DOING MECHANICAL SYSTEM DESIGN
7	SET UP A HYDRAULİC OR PNEUMATICSYSTEMS
8	DOING COMPUTER AIDED MECHANICAL DESİGN
9	USINGFLEXIBLE PRODUCING SYSTEMS
10	USINGCOMPUTER AIDEDMACHINE TOOLS
11	DOING ELECTRICAL AND ELECTRONICAL
12	SET UP ELECTRICAL AND ELECTRONICAL CIRCUITS
13	SET UP LOGICAL CIRCIUTS
14	DOING COMPUTER AIDED ELECTRONICAL CIRCUITSDESİGN
15	SET UP ELECTRICAL MOTORS
16	SET UP MICROCONTROLLER CIRCIUTS
17	SET UP CONTROL SYSTEMS
18	COMMUNICATE CONTROL SYSTEMS
19	DOING INDUSTRIAL ROBOTIC PROGRAMMINGAND MAINTENANCE
20	WRITING COMPUTER PROGRAMME
21	Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences.
22	Ability to plan a career in their own profession.

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

	L3
P17	3