AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Quality Assurance and Standards					
Course Code		İTN215		Couse Level		Short Cycle (Associate's Degree)	
ECTS Credit	3	Workload	75 *(Hours)*	Theory	1	Practice	1	Laboratory	0
Objectives of the Course		This course is related to quality assurance and standards in business qualifications to teach					
Course Content		Creating a Quality Assurance System Infrastructure, Building a Quality Management System, Statistical Quality Control					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Experiment, Demonstration				
Name of Lecturer(s)							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Kalite Güvencesi ve Standartları, Nihat Kölük, İrfan Dilsiz, Cafer S. Kartal

Week	Weekly Detailed Course Contents	
1	Theoretical	quality concept
	Practice	quality concept
2	Theoretical	standards and standardization
	Practice	standards and standardization
3	Theoretical	The importance of standard manufacturing and service sector
	Practice	The importance of standard manufacturing and service sector
4	Theoretical	Management quality and standards
	Practice	Management quality and standards
5	Theoretical	environmental standards
	Practice	environmental standards
6	Theoretical	Quality management system, strategic management models
	Practice	Quality management system, strategic management models
7	Theoretical	strategic management
	Practice	strategic management
8	Theoretical	The process management system
	Practice	The process management system
9	Theoretical	Resource management system
	Practice	Resource management system
10	Theoretical	Production quality control
	Practice	Production quality control
11	Theoretical	Inspection and sampling
	Practice	Inspection and sampling
12	Theoretical	Total quality control
	Practice	Total quality control
13	Theoretical	control charts
	Practice	control charts
14	Theoretical	statistical distributions
	Practice	statistical distributions

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	1	14
Seminar	5	0	2	10
Project	1	0	5	5
Laboratory	14	0	1	14
Midterm Examination	1	8	0	8
Final Examination	1	10	0	10
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Creating a Quality Management System Infrastructure
2	Implement Quality Standards
3	To apply statistical quality control methods
4	To recognize quality circles.
5	Ensuring zero control by providing control at every stage of the product.

Programme Outcomes *(Textile Technology)*

1	1. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. Be able to recognize problems, develop solutions for the problems, designing and having the ability to use theoretical knowledge in practical applications.
2	2. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. – Be able to choose technical equipments which are needed for applications in the field and use effectively. - Awareness of the need for life-long learning to follow developments in the textile technology, learning independently and to gain awareness of continuous self-renewal. - Be able to examine the application of production processes in the textile industry. – Be respectful to their own history and to be conscious about the subjects of social responsibility, universal and social and professional ethics.
3	3. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
4	4. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. - To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
5	5. Be able to examine the application of production processes in the textile industry. Be able to identify problems, to develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. Be respectful their own history and be conscious about the subjects of social responsibility, universal and social and professional ethics.
6	6. Be able to examine the application of production processes in the textile industry. To be aware solutions and applications of the effects of global and societal context in technician-level; being aware of entrepreneurship and innovation, and to have knowledge of the issues of the age.
7	7. To gain the knowledge and awareness of Ataturk's principles & reforms and using Turkish Langue effectively.
8	8. To gain the knowledge about his/her society and to gain a different point of view about the world

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

	L1	L2	L3
P1	3	3	3
P2	5	5	5
P3	5	5	5
P4	4	4	4
P5	5	5	5
P6	3	3	3
P7	4	4	4
P8	3	3	3