AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Quality System and Inspections					
Course Code		TAB114		Couse Level		Short Cycle (Associate's Degree)	
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to gain the knowledge and skills about the application of ISO 9001 quality management systems to an institution / organization and the analysis of the quality management system.					
Course Content		Definitions of quality and evolution of quality, Standardization, Standard and Accreditation, process management, principles and document structure of ISO 9001 Quality management systems, audit auditor, how to conduct audit, case study.					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving				
Name of Lecturer(s)		Ins. Evrim ÇEVİK					

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Instructor Lecture Notes
2	Various textbooks

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction of the course Definitions of quality and evolution of quality
2	Theoretical	Standardization, Standard and Accreditation
3	Theoretical	Basic Concepts in Quality Management Systems
4	Theoretical	Process Management System
5	Theoretical	Principles of ISO 9001 Quality management systems
6	Theoretical	Principles of ISO 9001 Quality management systems
7	Theoretical	Document structure of ISO 9001 Quality management systems
8	Theoretical	Document structure of ISO 9001 Quality management systems
9	Theoretical	Inspection concept, principles and types and stages
10	Theoretical	Auditor's features
11	Theoretical	Examination Preparation, Opening Meeting and Question Lists
12	Theoretical	Performing the Audit, Closing Meeting, Audit Report and Follow-up
13	Theoretical	Case Study
14	Theoretical	Case Study
15	Theoretical	General Review of the Course
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	8	1	9
Final Examination	1	12	1	13
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Will have quality awareness
2	To be able to establish the infrastructure of the quality management system by mastering the basic issues of quality management
3	Applying ISO 9001 Quality Standards
4	Will be able to examine the suitability and effectiveness of the quality management system
5	Will be able to plan internal audits
6	Will be able to prepare checklists to be used in an audit
7	Will be able to match the cases encountered during the investigation within the organization with the relevant articles of the management system standard
8	By conducting an audit of a management system, process or product, it will be able to identify areas for improvement within the organization

Programme Outcomes *(Laboratory Technology)*

1	To be able to comprehend social, cultural and social responsibilities, to be able to follow national and international contemporary problems and developments
2	Atatürk is bound to Atatürk nationalism in the direction of principles and reforms; Adopting the national, moral, spiritual and cultural values of the Turkish people, open to universal and contemporary developments, the Turkish language is a rich, rooted and productive language; Have a love of language and a consciousness; To have the ability to use as much of a foreign language as he would need to read, taste and habit and professionally.
3	To be able to recognize the basic hardware units and operating systems of a computer, having information about internet usage and preparing documents, spreadsheets and presentations on computer by using office programs.
4	Acquires theoretical and practical knowledge at the basic level in mathematics, science and vocational field.
5	With the knowledge of laboratory technology in the field, he knows and analyzes problems, brings interpretation of data and suggests solutions.
6	In laboratories, according to the prepared business plan and program, necessary work can be done to obtain the desired quality products.
7	To have professional and ethical responsibility in business life.
8	Development and change are open, follow scientific social and cultural innovations, and develop themselves constantly.

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

	L1
P1	3