



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quality Assurance and Standards							
Course Code		TAB110		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To understand the necessity and importance of standardization. To understand the basic information about standardization. To give information about quality and quality concepts. To understand the importance of quality assurance. Professional standards describe.							
Course Content		Development process of standardization and definition. Subject of standardization, aims and principles. Regional and international standardization organizations. National and international metrology, calibration studies. Definition of quality, quality related concepts. Total quality management. ISO 9000 standards.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	1. Çağlar, İ. ve Kılıç, S., 2011. Kalite Güvence Standartları. Nobel Yayın, ISBN:994477006x.
2	2. Ertuğrul, İ., 2006. Toplam Kalite Kontrol ve Teknikleri. Ekin Kitabevi yayınları, ISBN:9758768239.
3	3. TSE Standartları

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to the class, definitions and general information about lesson
2	Theoretical	Development process of standardization, the definition
3	Theoretical	Subject of standardization, aims and principles. Standardization to the manufacturer, the benefits to consumers and the economy
5	Theoretical	Quality concept, the concept of total quality management approach evolved in the historical process of emergence and the reasons for the emergence of the concept of total quality.
6	Theoretical	Compare of total quality management concept and classical management concept
7	Theoretical	Fundamental concepts of total quality management, importance of these concepts for total quality management.
8	Intermediate Exam	Midterm Exam
9	Theoretical	Total quality management elements and the importance of these elements
10	Theoretical	PDCA cycle, principles
11	Theoretical	Quality circles, organization, operation, benefits
12	Theoretical	Problem solving techniques used in total quality management
13	Theoretical	Quality costs and quality costs system
14	Theoretical	Compare of total quality management practices in Turkey and around the world
15	Theoretical	Professional Standards

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	1.To be able to describe the objectives and principles of standardization
2	2. To be able to have knowledge about regional and international standardization organizations and the certification activities in Turkey,
3	3.To be able to have knowledge about professional standards
4	4.To be able to understand the philosophy of total quality management
5	5.To be able to create quality awareness in individuals

Programme Outcomes (Fruit and Vegetables Processing Technology)

1	To be able to understand social, cultural and social responsibilities and to have the ability to follow national and international contemporary
2	In line with the principles and reforms of Atatürk; Adopting the national, moral, spiritual and cultural values ??of the Turkish Nation, open to universal and contemporary developments, the Turkish language is a rich, rooted and productive language; love and awareness of language; to have the ability to use the foreign language sufficiently and with the habit of reading and professionally.
3	To know the basic hardware units and operating systems of computer, internet to be able to prepare documents, spreadsheets and presentations on the computer by using office programs
4	Gains the theoretical and practical knowledge at the basic level in mathematics, science and professional fields
5	Recognize and analyze the problems with the knowledge of fruit and vegetable technology in the field, interpret the data and propose solutions.
6	According to the prepared work plan and program in laboratories, it can carry out the necessary works to obtain the desired quality product.
7	To have professional and ethical responsibility in business life.
8	It is open to development and change, follows scientific social and cultural innovations and constantly improves itself.

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	2	2	2	3	5
P2	2	2	2	3	4
P3	1	1	1	1	1
P4	1	1	1	1	1
P5	3	3	3	4	5
P6	2	2	2	4	4
P7	2	2	2	3	5
P8	3	3	3	5	5

