



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quality Assurance and Standards							
Course Code		KMT210		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In this course; It is aimed to gain qualifications related to quality assurance and standards in business life.							
Course Content		<p>QUALITY History of quality and basic concepts, Quality approaches, Quality and efficiency, Quality and cost, Different approaches to quality concepts, Total Quality Management (TQM), International quality system documents</p> <p>STANDARD AND STANDARDIZATION Benefits of standardization, Types of standards, Preparation of standards, Certification and accreditation, Certification activities of Turkish Standards Institute, International standardization studies</p> <p>IMPORTANCE OF STANDARDS Importance of standard in production and service sector, Place of standard and quality in production, Place of standard and quality in service</p> <p>MANAGEMENT QUALITY AND STANDARDS Definition and importance of TS EN ISO 9001 Quality Management Systems Basic principles of TS EN ISO 9001 Quality Management Systems Requirements of TS EN ISO 9001 Standards Terms and definitions in quality and assurance Certification stages of TS EN ISO 9001 Quality Management Systems</p> <p>ENVIRONMENTAL STANDARDS Definition and Importance of Environmental Standards, TS EN ISO 14001 Standard, Application areas of environmental standard, Environmental management system requirements, Environmental management standard application steps, Waste recovery and recycling</p>							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	lecturer notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Course Description Quality Concept
2	Theoretical	Standard and Standardization
3	Theoretical	Importance of standard in production and service sector Management quality and standards
4	Theoretical	Management quality and standards Environmental standards
5	Theoretical	Environmental standards Quality management system models
6	Theoretical	Quality management system models strategic management
7	Theoretical	Strategic management Joining management
8	Intermediate Exam	midterm
9	Theoretical	Process management system Resource management system
10	Theoretical	Resource management system EFQM Excellence Model
11	Theoretical	Quality control in production Inspection and sampling
12	Theoretical	Inspection and sampling Total quality control
13	Theoretical	Total Quality Control
14	Theoretical	Control Diagrams, Statistical Distributions
15	Theoretical	An overview
16	Final Exam	final exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Explain the concepts of quality, assurance, standard, standardization, occupational standards.
2	Distinguish between Standard and Standardization.
3	Understand the importance of standard in production and service sector.
4	Defines the infrastructure of ISO 9000 quality management system.
5	Compares other management systems related to quality.

Programme Outcomes (Cosmetic Technology)

1	To know the classification of cosmetic raw materials, for what purpose, in which products and how much they should be used
2	Define and classify cosmetics,
3	To define, classify toxicity, Toxic substances and detoxification ways of these substances to know. To be able to analyze toxic substances.
4	To be aware of the precautions to be taken when working with hazardous chemicals in terms of laboratory safety and human health.
5	To have the ability to use basic mathematical methods to produce solutions.
6	To be able to define the carrier systems used in cosmetics, to be able to choose the carrier system to be used according to the cosmetic product.
7	To know and apply the necessary tests in cosmetic raw materials, intermediate products and finished products.
8	Depending on the Atatürk nationalism in accordance with Atatürk's principles and reforms, adopted the national, moral, spiritual and cultural values of the Turkish Nation, and has adopted that the Turkish language is a rich, rooted and productive language; have love and awareness of language; to have the ability to use the foreign language sufficiently to have the pleasure and habit of reading and need professionally.

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

