



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cosmetic Production Methods I							
Course Code		KZM108		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	102 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To have knowledge about cosmetic production technologies							
Course Content		Cosmetic production technologies and used equipment							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study, Problem Solving					
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	Unit Systems And Unit Conversion,
2	Practice	Basic Processes and Processes,
3	Theoretical	Thermometric Objects,
4	Practice	Heat and Temperature Concepts
5	Theoretical	Transformations of Heat Units,
6	Theoretical	Properties of Liquids, Vapor Pressure, Vapor-Liquid
7	Practice	Steam Pressure, Steam-Liquid Balance
8	Intermediate Exam	midterm
9	Theoretical	Evaporation, Distillation And Extraction
10	Practice	Evaporation, Distillation And Extraction
11	Theoretical	Surface Tension And Interface Tension Concepts And Calculation Of Surface Tension,
12	Theoretical	Viscosity Concept, Calculation, Viscometer Measurement Methods
13	Theoretical	Types of viscometers and viscosity measurement
14	Practice	Types of viscometers and viscosity measurement
15	Theoretical	An overview
16	Final Exam	final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Midterm Examination	1	8	1	9
Final Examination	1	8	1	9
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To have knowledge about cosmetic production technologies
2	To learn the parameters of general cosmetic processes.
3	To learn the concepts of evaporation, distillation and extraction



4	The concept of viscosity, calculation, viscometer measurement methods to learn
5	To learn the concepts of heat and temperature

**Programme Outcomes (Cosmetic Technology)**

1	To define and classify cosmetics.
2	To learn the classification of cosmetic raw materials, purposes, products to use and what properties should be carried.
3	To describe and classify toxicity, to learn toxic substances and analyze methods.
4	To learn laboratory safety, to apply safety precautions when working with dangerous chemicals.
5	To learn and apply necessary tests for cosmetic raw materials, intermediates and finished products.
6	To perform a scientific study, analyze study and report results of study scientifically.
7	To interpret experimental results, to evaluate data in point of cosmetic science.
8	To act in accordance with the principles of ethics, to have awareness of professional and ethical responsibility.
9	To be individuals who are committed to Atatürk's Principles and Revolutions, contemporary, democratic, secular, protecting and developing their country, protecting their nation, respecting human rights, protecting nature, non-discriminatory, adhering to their traditions and customs, and protecting their values.
10	To be an individual who has completed his personal development, can adapt to society and contribute positively

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

	L1	L2	L3
P2	5	5	5
P3	5	5	5
P5	5	5	4

