



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cosmetic Science I							
Course Code		KZM101		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	79 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Definition and classification of cosmetics, Raw material analysis, Analysis applied to the intermediate product							
Course Content		General cosmetic concepts. Structure of skin and cosmetics applied to skin. Structure of hair and cosmetics applied to hair.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, 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	U .Avciata "Kozmetik Kimyası" Ders notları, YTÜ Fen-Edebiyat Fakültesi Kimya Bölümü
---	---

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and classification of cosmetics
2	Theoretical	Knowledge of color and its importance. Quality properties in cosmetics
3	Theoretical	Analysis applied to cosmetic products: Raw material analysis, Analysis applied to the intermediate product
4	Theoretical	Analyzes applied to finished product. Analysis of packaging materials
5	Theoretical	Skin structure, Skin types (oily skin, dry skin, mixed skin ...)
6	Theoretical	Skin problems, Acne formation and causes, Wrinkles formation and causes
7	Theoretical	Minerals, vitamins and their use in cosmetics
8	Intermediate Exam	midterm
9	Theoretical	Skin care basic products and ingredients
10	Theoretical	Dermatological creams. Emulsion selection in creams
11	Theoretical	General properties and contents of makeup products (blush, foundation, tonic, lip dyes)
12	Theoretical	Hair structure and problems, dandruff, hair loss and causes
13	Theoretical	Hair products and their contents
14	Theoretical	Physical and chemical properties of shampoo. Hair conditioners and hair dyes. Classification of hair dyes
15	Theoretical	Physical and chemical properties of shampoo. Hair conditioners and hair dyes. Classification of hair dyes
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Assignment	1	2	3	5
Midterm Examination	1	8	1	9
Final Examination	1	8	1	9
Total Workload (Hours)				79
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	To be able to comprehend some applications in cosmetic sector
2	Learn the structure of the skin
3	Learn the structure of the hair
4	To learn general cosmetic concepts
5	To learn the history of cosmetic science

**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	L4	L5
P1	5	4	5	5	5
P2	5	4	5	5	5
P3	5	4	5	5	5
P5	5	5	5	5	5

