AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Cosmetic Science						
Course Code	KMT101		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 *(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 .Avcıata "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	0	3	42
Term Project	1	12	3	15
Midterm Examination	1	8	1	9
Final Examination	1	8	1	9
			Total Workload (Hours)	75
			[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 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	5	4	3	4
P2	3	2	4	4	4
P3	4	4	3	5	3
P4	5	5	4	4	4
P5	4	4	3	3	3
P6	4	3	3	4	4
P7	1	3	2	3	5