



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Cosmetic Products and Environment Relationship							
Course Code		KMT112		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		One of the neglected problems in many countries of the world and Turkey is environmental pollution that occurs as a result of the mixing of wastes into domestic wastes and sewers during and after the use of cosmetic products. The aim of this course is to raise awareness about environmental pollution during and after the production of cosmetics.							
Course Content		Waste produced during the production of cosmetic products, waste generated after use, the relationship of cosmetics with the environment, waste management							
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	Sakamoto, K., Lochhead, R., Maibach, H., & Yamashita, Y. (Eds.). (2017). Cosmetic science and technology: theoretical principles and applications. Elsevier.
2	Shrivastava, P. (1995). Environmental technologies and competitive advantage. Strategic management journal, 16(S1), 183-200.
3	Awad, T. A. (2011). Environmental segmentation alternatives: buyers' profiles and implications. Journal of Islamic Marketing, 2 (1), 55-73.

Week	Weekly Detailed Course Contents	
1	Theoretical	Cosmetic raw materials of plant origin
2	Theoretical	Cosmetic raw materials of animal origin
3	Theoretical	Production processes of cosmetic products
4	Theoretical	Production processes of cosmetic products
5	Theoretical	Classification of wastes from production process
6	Theoretical	Waste Legislation in European Union
7	Theoretical	Waste Legislation in Turkey
8	Intermediate Exam	midterm
9	Theoretical	Waste occurring after the use of cosmetics
10	Theoretical	Domestic Wastes
11	Theoretical	Medical Wastes
12	Theoretical	The effects of domestic and medical wastes on human health
13	Theoretical	Evaluation of Cosmetic waste in Turkey and the World
14	Theoretical	Evaluation of Cosmetic waste in Turkey and the World
15	Theoretical	Recycling possibilities
16	Final Exam	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	1	14
Midterm Examination	1	3	1	4



Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To have detailed information about cosmetic raw materials
2	To have knowledge about cosmetic production processes
3	To have knowledge about waste management
4	To have knowledge about recycling of wastes
5	To have information about waste legislation

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

