



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mathematics							
Course Code		ÜKK101		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To learn the basic concepts of mathematics and to gain the ability to do algebraic operations related to the profession.							
Course Content		Numbers, Operations about numbers, Ebob-Ekok, Absolute Value, Problems, Logic, Sets.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)									

Prerequisites & Co-requisites

Co-requisite	ÜKK183
Equivalent Course	ÜKK183

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Lecture Notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Numbers
2	Theoretical	Ebob-Ekok
3	Theoretical	Absolute value
4	Theoretical	Exponential numbers
5	Theoretical	Radical numbers
6	Theoretical	Number Fraction Problems
7	Theoretical	Age Problems
8	Intermediate Exam	Midterm
9	Theoretical	Worker-Pool Problems
10	Theoretical	Speed Problems
11	Theoretical	Mix Problems
12	Theoretical	Percentage, Profit-Loss Problems
13	Theoretical	Graphics Problems
14	Theoretical	Clusters
15	Theoretical	Logic
16	Theoretical	Semester 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	At the end of this course, students will be able to do algebraic operations related to their profession.
2	At the end of this lecture, students gain information on basic mathematical concepts.
3	Students learn specific quantitative methods and their applications in business in this lecture
4	They will have the necessary mathematical knowledge for the problems they face.
5	Students will be able to interpret the applied processes based on mathematical data.

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
P5	5	5	5	5	5
P8	3				

