



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Basic Mathematics I								
Course Code	MAT171		Course Level		First Cycle (Bachelor's Degree)				
ECTS Credit	4	Workload	106 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course isto teach students the necessary information about the properties of numbers and mathematical background to create and gain the ability to approach problems in a rational way.								
Course Content	Numbers, type of numbers, equations, inequality, absolute value, exponential numbers and root of numbers, ratio and proportion and problems of writing equation								
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	60

Recommended or Required Reading	
1	Basic Mathematics for High School and the Faculty of Technical Education , Prof. Dr. Mustafa Balci
2	Basic Mathematics I-II , Prof. Dr. Ahmet Kaçar

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Numbers
2	Theoretical	System of Numbers
3	Theoretical	Division and Divisibility
4	Theoretical	Prime factorization, GCD, LCM
5	Theoretical	Rational Numbers
6	Theoretical	Decimal Numbers
7	Theoretical	First degree Equation
8	Theoretical	Basic Inequality (Midterm)
9	Theoretical	Absolute Value
10	Theoretical	Exponential Numbers
11	Theoretical	Root of Numbers
12	Theoretical	Factorizations
13	Theoretical	Ratio and Proportion
14	Theoretical	Problems of Ratio and Proportion

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Midterm Examination	1	12	2	14
Final Examination	1	20	2	22
Total Workload (Hours)				106
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	To understand the definition and basic properties of numbers
2	To understand the type of numbers and characteristic of number operations
3	Exponential and root of a number
4	Factorization



5	To solve the problems of ratio and proportion
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Programme Outcomes (Food and Beverage Management)

1	Having scientific and professional ethic values
2	To gain the ability of critical and analytical thinking
3	Having the consciousness of necessity of obtaining new abilities and life-long learning
4	To know the principle concepts related to tourism industry
5	Having the consciousness of tourism and natural, cultural and social environment relations
6	Having the knowledge of higher level of a foreign language to communicate and to follow the new researches and daily subjects at his/her own field
7	Being able to use another foreign language at middle level
8	Having the ability of doing teamwork
9	Being competent about information technologies
10	Having the ability of administrative knowledge buildup at his field
11	Being competent about the human behaviours and relations of tourism industry
12	Being able to follow the trends at his/her field
13	Being competent about the subjects of establishment procedures of an enterprise and entrepreneurship on the food and beverage management fields
14	Having the ability and knowledge about the subjects that are necessary at his occupation
15	Being able to use and having knowledge about the equipments and hardware systems used at food and beverage establishments
16	Having the ability of problem diagnosis, and to make decision toward problems at food and beverage establishments

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	1	1	1	1	1
P2	5	5	5	5	5
P3	3	3	3	3	3
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1

