AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Basic Mathematics I						
Course Code	MAT183		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	4	Workload	106 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course is to 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)	Ins. Halil TEKATLI, Ins. Mustafa Seçkin AYDIN, Ins. Ümit NARİNCE						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Yüksek Okulu ve Teknik Eğitim Fakülteleri İçin Temel Matematik , Prof. Dr. Mustafa Balcı
2	Temel Matematik I-II , Prof. Dr. Ahmet Kaçar

Week	Weekly Detailed Course Contents	
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	Intermediate Exam	Midterm
8	Theoretical	1. Dereceden Denklemler
9	Theoretical	Basic Inequality
10	Theoretical	Absolute Value
11	Theoretical	Exponential Numbers
12	Theoretical	Root of Numbers
13	Theoretical	Factorizations
14	Theoretical	Ratio and Proportion
15	Theoretical	Problems of Ratio and Proportion
16	Theoretical	Final Exam

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

Programme Outcomes *(Business Administration Management)*

1	Use the economical information obtained in micro and macro scale, in their occupational lives.
2	Use information and communication technologies at the level required by their field.
3	Manage business finance, analyze business financial situation, and solve financial problems.
4	Gain management skill by managing and enhancing human resource effectively in accordance with business aims
5	Understand production and marketing functions as a whole, have proficiency in applying new production and marketing techniques.
6	Have proficiency in calculating cost, making entry, preparing and interpreting financial statements
7	Have proficiency in using business management function and applying and following new management techniques
8	Have proficiency for performing legal responsibilities of business, following and applying legislation
9	Have proficiency in following and applying vocational current and economic developments in national and international area.
10	Take responsibilities as a team member when dealing with issues and problems encountered in practice
11	Have the ability to use the computer and the required packaged software
12	Have the professional ethics in business life and business relations

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	2	2	2	2
P2	2	2	2	2	2
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	2	2	2	2	2
P6	2	2	2	2	2
P7	2	2	2	2	2
P8	2	2	2	2	2
P9	2	2	2	2	2
P10	2	2	2	2	2
P11	2	2	2	2	2
P12	2	2	2	2	2