AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Introduction to Mathematics I					
Course Code	MAT181		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 on their works and to gain the ability of using his/her knowledge
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), Case Study, Individual Study, Problem Solving
Name of Lecturer(s)	Ins. Ali BÜYÜKMERT, Ins. Cemal GÖVEN, Ins. Erhan KOCA, Ins. Gamze BAKIR GÜVEN, Ins. Gözde ÇETİN, Ins. Muhittin TURAN, Ins. Neslihan BİLİNMEZ, Lec. Durcan Özgün SARIOĞLU, Lec. Kübra GENÇDAĞ ŞENSOY, Lec. Selin YALÇIN

Assessment Methods and Criteria

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

Recommended or Required Reading

1	MYO Öğrencileri İçin Temel Matematik, Prof. Dr. Mustafa BALCI
2	Akademi yayınları "KPSS genel yetenek ilkadım matematik"

Week	Weekly Detailed Course Contents	
1	Theoretical	Numbers
2	Theoretical	Systems 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 Equations
8	Theoretical	Basic Inequalities
9	Intermediate Exam	MIDTERM EXAM
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	Final Exam	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	To understand and use of exponential and root of numbers
4	To solve the problems of ratio and proportion
5	To be able to gain the skill of interpreting some interrelations among these concepts

Programme Outcomes *(Banking and Insurance)*

1	Gain practical skills in mathematics and social studies business problems
2	Professional and ethical responsibility to win
3	Business and other disciplines in the area of individual and ability to work effectively within a team
4	Apply the principles and processes related to the services offered by commercial banks.
5	To have the necessary theoretical knowledge for the realization of marketing and financing activities in the field of Banking and Insurance.
6	Can make bank and insurance accounting
7	Gains the ability to make economic analysis.
8	Have the ability to recognize, edit and store documents used in commercial life.

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	4	5	4	5
P2	5	5	4	5	5
P3	5	4	5	4	5
P4	3	3	4	5	4
P5	2	4	3	3	5
P6	3	4	5	4	5
P7	2	5	4	5	4
P8	1	3	3	4	5