AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Basic Mathematics II								
Course Code	MAT172		Couse 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 teachstudentsthe necessary informationabout the equations, sets, modular arithmetics, sets, probability,angles and triangulars.								
Course Content	Solving equations, types of problems, sets, modular artihmetic, permutation, combination, probability, angles and triangulars.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study, Problem Solving								
Name of Lecturer(s)	Ins. Nihal GÜNEL								

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
3	Akademi yayınları “KPSS genel yetenek ilkadım matematik”

Week	**Weekly Detailed Course Contents**	
1	Theoretical	Solving equations
2	Theoretical	Solving number and fraction problems
3	Theoretical	Solving age problems
4	Theoretical	Solving workers and pool problems
5	Theoretical	Solving speed problems
6	Theoretical	Solving percent problems
7	Intermediate Exam	Midterm exam
8	Theoretical	Solving the problem of interest and mixture
9	Theoretical	Sets
10	Theoretical	Operations
11	Theoretical	Modular Arithmetics
12	Theoretical	Permutation and combination
13	Theoretical	Probability
14	Theoretical	Angles
15	Theoretical	Triangulars
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 write equations and to solve them

2	To gain the ability to solve problems
3	To give the fundamental information about sets
4	To give information on the background of operators and modular arithmetics
5	To give the fundamental information about probability
6	To gain the information on the background of angulars and triangulars

Programme Outcomes *(Turkish Language and Literature)*	
1	The students can combine acquisitions of Turkish Language and Literature program with information belonging to other disciplines,
2	Students can make the scientific study by himself, develop and implement new approaches to solving problems in the field.
3	The students have the background required for understanding historical texts of Turkish, follow recent studies about Turkish Language and Literature
4	Students use communication technologies as required by the Turkish Language and Literature program, share accumulation in the field with society.
5	The student evaluate theoretical and practical knowledge and skills with critical approach.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5	L6
P1	1	1	1			1
P2				2	2	