



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Math							
Course Code		OÖÖ413		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	102 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To teach basic mathematical knowledgeto preschool teacher candidates							
Course Content		Definition of math, the four arithmetical operations, integer, rational number.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1-Çelik, B. ve diğerleri.(2004). Temel Matematik. Nobel Yayıncılık.
2	2-Mirasyedioğlu, Ş.(1999). Temel Matematik-II. Gündüz Eğitim ve Yayıncılık.
3	-Olkun, S. ve Toluk Uçar, Z.(2006). Temel Matematik-II. Tek Ağaç Yayıncılık.

Week	Weekly Detailed Course Contents	
1	Theoretical	Course description
2	Theoretical	Definition of mathematics
3	Theoretical	Nature of mathematics
4	Theoretical	Sets
5	Theoretical	Sets
6	Theoretical	Natural numbers
7	Theoretical	Natural numbers
8	Intermediate Exam	Intermediate Exam
9	Theoretical	Counting systems
10	Theoretical	Counting systems
11	Theoretical	Integers
12	Theoretical	Integers
13	Theoretical	Fractions
14	Theoretical	Rational numbers
15	Theoretical	Rational numbers
16	Final Exam	FINAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Individual Work	14	0	3	42
Midterm Examination	1	0	8	8
Final Examination	1	0	10	10
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. Understanding the nature of mathematics
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2	2. The practicality of using mathematical operations to win
3	Acquiring the necessary skills
4	combining mathematics with different fields
5	relate to real life

Programme Outcomes (Early Childhood Teacher Education)

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process, by making instructional plans related to the subject-matter.
3	To be able to gain skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophies they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter
7	To be able to become individuals faithful to the Principles and Revolutions of Atatürk, be modern, democratic,, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture
9	To be able to become individuals believing in lifelong learning.
10	To be able to educate individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solution of these problems

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	2	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	3	3	2	2	2
P10	2	2	2	2	2

