TOROS ÜNİVERSİTESİ

Faculty Of Fıne Arts, Desıgn And Archıtecture
Archıtecture

Course Information

MATHEMATICS I					
Code	**Semester**	**Theoretical**	**Practice**	**National Credit**	**ECTS Credit**
		Hour / Week			
MAT101	Fall	2	0	2	2

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	Teach.Asist. Yusuf GÜL
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	Understanding basic mathematical consepts and increasing functional thinking
Contents of the Course	sets of the numbers,first degree equations and theyir solutions,sets,relations and functions

Learning Outcomes of Course

#	Learning Outcomes
1	Know basic mathematical consepts and number sets
2	Be able to perform operations on number sets
3	Use problem solwing and functional thinking skills in daıly lif
4	demonstrate the ability to use them in other subjects with numerical contents.
5	Solwing the problems practikally in daily life
6	To be able to make commercial operations

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	learning number system and numerals using on base ten	exposition,solution of exercises
2	learning number systems (natural numbers,integers,rational numbers and real numbers)	exposition,solution of exercises
3	learning number systems (rational numbers)	exposition,solution of exercises
4	learning number systems (real numbers)	exposition,solution of exercises
5	first degree ewuations and theyir solutions	exposition,solution of exercises
6	identicalness and dividing in multiplier	exposition,solution of exercises
7	First midterm exam	classic written exam
8	inequalities and their solutions	exposition,solution of exercises
9	absolute value equations and inequalities and their solutions	exposition,solution of exercises
10	problems and their solutions(speed,age,.....)	exposition,solution of exercises
11	second midterm	classic written exam
12	sets	exposition,solution of exercises

13	cros product	exposition,solution of exercises
14	relation and function	exposition,solution of exercises
15		
16	Final Exam	classic written exam

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Matematik 1 kitabı	Yusuf GÜL	Toros Üniversitesi yayınları
2	Genel matematik-1	Mustafa BALCI	Sürat yayınları
3	Calculus and analaytıc geometry	Fısher and zıebur	

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Know basic mathematical consepts and number sets	1,2	1,2
2	Be able to perform operations on number sets	1,2,3,4,5,6	1,2
3	Use problem solwing and functional thinking skills in daiıy lif	1,2,3,4,5,6	1,2
4	demonstrate the ability to use them in other subjects with numerical contents.	1,2,3,4,5,6,7,8	1,2,3
5	Solwing the problems practikally in daily life	1,2,3,4,5,6,7	1,3
6	To be able to make commercial operations	2,3,4,5,6,7,8	1,2,3

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	2	28
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	0	0	0
8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	1	1

16	Final Exam	1	2	2
				60