Course Syllabus

Code - Course Title	**MAT103U - General Mathematics**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	ASSIST. PROF. DR. BİLAL SARAÇ

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None.
Recommended Resources	E-Learning Web page.
Work Placement	Not applicable.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sets and Numbers	
Week - 2		Equations and Inequalities	
Week - 3		Functions-I	
Week - 4		Functions-II	
Week - 5		Exponential and Logarithmic Functions-I	
Week - 6		Exponential and Logarithmic Functions-II	
Week - 7		Mid-term Exam	
Week - 8		Percentage and Interest Accounts	
Week - 9		Systems of Linear Equations and Matrices	
Week - 10		Derivative and Its Applications-I	
Week - 11		Derivative and Its Applications-II	
Week - 12		Integral and Its Applications-I	
Week - 13		Integral and Its Applications-II	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Will be able to determine solution sets of first and second order equations and inequalities with one unknown
2	Will be able to define the concept of function and its properties
3	Will be able to define exponential and logarithmic functions
4	Will be able to make percentage and interest calculations
5	Will investigate the existence of solutions of linear equation systems and will be able to define the concept of matrix
6	Will be able to define the concepts of limit, continuity and derivative
7	Will be able to calculate the definite and indefinite integral of a function and analyze the areas of planar shapes

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**