Course Syllabus

Code - Course Title	**MAT105U - Mathematics I**
Course Type	I. SEMESTER
Laboratory + Practice	0+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sets and Set Operations	
Week - 2		Number Sets, Range Concept, Absolute Value	
Week - 3		Definition of Polynomial Functions, Analysis of First Order Polynomial Functions	
Week - 4		Examination of Quadratic Polynomial Functions	
Week - 5		Solving First Order and Second Order Inequalities	
Week - 6		Exponential and Logarithmic Functions	
Week - 7		Midterm exam	
Week - 8		Limit and Continuity	
Week - 9		Derivative Concept and Applications of Derivative	
Week - 10		Matrices and Operations on Matrices	
Week - 11		Solving Systems of Linear Equations	
Week - 12		Multivariable Functions, Partial Derivative	
Week - 13		Derivative Market Equilibrium, Break-Even Analysis	
Week - 14		Final exam	

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**