

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM102	Mathematics I	1	3	0	0	3	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	Gaining analitic thinking ability Basic knowledge of Analysis and Algebra Applying theoric mathematics knowledge to daily life Basic mathematics knowledge for professional life
Content	Time and Angle Calculating Integers, Rational Numbers Calculating with Floatingn Point Numbers Exponential Numbers, Root Nubers, Determinant, Matrix, Logarithm, Using Logarithmic Tables, Algebra, Graphs, Basic Statistics Calculation, Limit Theorem, Derivative
References	Calculus

Theory Topics

Week	Weekly Contents
1	Time and Angle Calculating
2	Integers and Rational Numbers
3	Calculating with Floatingn Point Numbers
4	Exponential Numbers
5	Root Numbers
6	Matrix
7	Determinant
8	Logarithm
9	Algebra
10	Graphs
11	Statistics
12	Limit Theorem
13	Derivate
14	Application of Derivate