## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM113	Mathematics II	2	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		
References	Calculus	

## Theory Topics

Week	Weekly Contents
1	Differential Equations
2	Integral
3	Definite Integral
4	Geometry
5	Area and Volume Calculating
6	Trigonometry
7	Complex Numbers
8	Measurement
9	Indefinite Measurement
10	Global Trigonometry
11	Using Mathematical Tables
12	Vectors
13	Elips and Hyperboll

Week	Weekly Contents
14	Formula of Taylor and Mac Lowvin