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	Differential Equations And Integral Geometry Area and Volume Calculating Trigonometry Complex Numbers Measure Indefinite Measurement Global Trigonometry Using Mathematical Tables Vectors Elips and Hyperboll Formula of Taylor and Mac Lowvin
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

Week	Weekly Contents
14	Formula of Taylor and Mac Lowvin