INGE 4035

Course Title	NUMERICAL METHODS APPLIED TO ENGINEERING
Course Description	Numerical procedures for digital computer simulation of engineering problems. The course includes numerical methods for finding roots of equations commonly encountered in engineering problems, curve fitting and modeling of experimental data, quadrature and numerical differentiation. Systems of linear and non-linear equations arising from engineering applications, solution of initial value problems applied to the fundamental laws of mechanics.
Credit Hours	3

Course Options

Exchange.. No
Special Topic.. No
Type...Normal
Offering Semester.. Always
Students can take this course multiple times.......... No

Grading Schema   Passing Grade D

Requisites   INGE 3016 AND (MATE 3063 OR MATE 3185)