

INGE /INME 4046

Course Title FUNDAMENTALS OF VIBRATIONS

Course Description Study of the theory of vibration for single- and two-degree-of-freedom systems. Free vibration analysis, response due to harmonic and non-harmonic excitations, design for vibration control, introduction to the matrix analysis of multi-degree-of-freedom systems.

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 - for INGE / C- for INME

Requisites INGE 3032 , Co-requisites MATE 4009

Course Syllabus