

INGE 4010

Course Title FLUID MECHANICS (WITH LABORATORY)

Course Description Study of fluid mechanics, the development of its fundamental equations, and its applications. Dimensional analysis and similitude between models and prototypes, non-viscous and viscous flows, and internal and external flows. Laboratory practice is included on phenomena and properties of fluids, hydrostatics, hydrodynamics, turbomachinery, and compressible flow.

Credit Hours 4

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 3032 AND MATE 3063

Course Syllabus