**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**