Engr 323: Fluid Mechanics

School of Engineering

Physical properties of fluids, fluid statics, control volume approach (mass momentum and energy conversation), Bernoulli equation, dimensional analysis, friction and head loss, flow in closed conduits, forces over immersed bodies, turbomachinery, Navier-Stokes equations.

3 Credits

Prerequisites

- Phys 211: Physics for Science & Engineering I $target.descriptions.MinimumGrade$
- Engr 323 Requires: One Way-Co-Requisite Engr 309 and Math 264
- Pre-Requisite: 24 Earned Hours

One-way corequisites

- Math 264: Unified Calculus & Analytic Geometry IV
- Engr 309: Statics

Instruction Type(s)

- Lecture: Lecture for Engr 323

Subject Areas

- Engineering, General