

## 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
- 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

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

