M E 404: Applied Fluid Mechanics

Mechanical Engineering

Review of hydrostatics and dynamics, dimensional analysis and modeling, analysis and design of fluid mechanical systems including open channels, pipe networks, turbomachinery, and aerodynamic bodies.

3 Credits

Prerequisites

- Engr 322: Transport Phenomena
- Engr 420: Engineering Analysis III

Instruction Type(s)

- Lecture: Lecture for M E 404

Subject Areas

- Aerospace, Aeronautical and Astronautical/Space Engineering
- Civil Engineering, General

Related Areas

- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering