

## **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](#) \$target.descriptions.MinimumGrade\$
- [Engr 420: Engineering Analysis III](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

#### **Instruction Type(s)**

- Lecture: Lecture for M E 404

#### **Subject Areas**

- [Aerospace, Aeronautical and Astronautical/Space Engineering](#)
- [Civil Engineering, General](#)

