

# Ch E 317: Process Fluid Dynamics and Heat Transfer Chemical Engineering

Macroscopic momentum balances, piping system design; drag coefficients, fluidization, macroscopic energy balances, heat transfer coefficients, heat exchanger design, unsteady/two-dimensional heat transfer.

3 Credits

## **Prerequisites**

- Ch E 308: Chemical Process Principles II (Minimum grade: C-)
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Lecture: Lecture for Ch E 317

#### **Subject Areas**

• Chemical Engineering

#### **Related Areas**

• Chemical and Biomolecular Engineering

