

## 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

- Pre-Requisite: 24 Earned Hours

#### One-way corequisites

- [Ch E 308: Chemical Process Principles II](#)

#### Instruction Type(s)

- Lecture: Lecture for Ch E 317

#### Course Fee(s)

##### Chemical Engineering

- \$100.00

#### Subject Areas

- [Chemical Engineering](#)

#### Related Areas

- [Chemical and Biomolecular Engineering](#)

