

## 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

- [Engr 322: Transport Phenomena](#)
- Pre-Requisite: 24 Earned Hours

#### Instruction Type(s)

- Lecture: Lecture for Ch E 317

#### Subject Areas

- [Chemical Engineering](#)

