

# 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](#)

