

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

Course Fee(s)

Chemical Engineering

- \$100.00

Chemical Engineering 2

- \$150.00

Subject Areas

- [Chemical Engineering](#)

Related Areas

- [Chemical and Biomolecular Engineering](#)

