

# Ch E 317: Process Fluid Dynamics and Heat Transfer

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

<u>Chemical Engineering</u>

#### **Related Areas**

<u>Chemical and Biomolecular Engineering</u>

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