

# 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

- Engr 322: Transport Phenomena
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

Lecture: Lecture for Ch E 317

#### Subject Areas

<u>Chemical Engineering</u>

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