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 (Minimum grade: C-)

Instruction Type(s)

- Lecture: Lecture for Ch E 317

Course Fee(s)

Chemical Engineering

- $100.00 when booked for:
  - Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August 2016-17
  - Fall, First Fall, Second Fall, Winter, Spring, First Spring, Second Spring 2017-18

Subject Areas

- Chemical Engineering

Related Areas

- Chemical and Biomolecular Engineering