

CHEE 423. CHEMICAL REACTION ENGINEERING.

Credits: 3

Offered by: Chemical Engineering (Faculty of Engineering)

Terms offered: Fall 2025

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Description

Review of fundamental concepts in chemical reaction thermodynamics and kinetics. Mass and energy balances for homogenous ideal reactors. Batch, semi-batch and continuous operation. Minimization of by-product and pollution production. Heterogenous reactions, effect of heat and mass transfer on the global rate. Laboratory exercises.

- (3-1-5)
- Prerequisites: CHEE 310, CHEE 315

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