COURSE DETAIL

REACTION ENGINEERING 1

Country United Kingdom - England

Host Institution Imperial College London

Program(s) Imperial College London

UCEAP Course Level Upper Division

UCEAP Subject Area(s) Chemical Engineering

UCEAP Course Number 135

UCEAP Course Suffix Y

UCEAP Official Title REACTION ENGINEERING 1

UCEAP Transcript Title REACTION ENGR 1

UCEAP Quarter Units 7.50

UCEAP Semester Units

Course Description

The course provides the fundamental theory for the design and analysis of (pseudo-) homogeneous chemical reactors. It considers ideal isothermal and non-isothermal reactor systems, and reactors involving non-ideal flow. Students learn to describe batch, semi-batch, and continuous reactor operation; homogeneous, and heterogeneous reactors; and ideal and non-ideal flow models.

Language(s) of Instruction English

Host Institution Course Number CENG50004

Host Institution Course Title REACTION ENGINEERING 1

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemical Engineering

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