

COURSE DETAIL

TRANSFER PROCESSES 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

150

UCEAP Course Suffix

Y

UCEAP Official Title

TRANSFER PROCESSES 1

UCEAP Transcript Title

TRANSFER PROCESS 1

UCEAP Quarter Units

7.50

UCEAP Semester Units

5.00

Course Description

In this course, students learn to explain the behavior and properties of fluids (static and dynamic), solve problems involving incompressible flows, and apply these basic principles in flow measurements and other flow (e.g. pipe) related problems, and (ii) to develop a basic understanding of conductive, diffusion and convective heat and mass transport, emphasizing first principles analysis, and apply it to a broad range of contexts.

Language(s) of Instruction

English

Host Institution Course Number

CENG40004

Host Institution Course Title

TRANSFER PROCESSES 1

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemical Engineering

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