

# 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 Course Details**

<https://my.uceap.universityofcalifornia.edu/sites/default/files/host-course-syl...>

### **Host Institution Campus**

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Chemical Engineering

### **Course Last Reviewed**

2024-2025

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