

# COURSE DETAIL

## FIRST YEAR FLUID MECHANICS I

**Country**

United Kingdom - England

**Host Institution**

Imperial College London

**Program(s)**

Imperial College London

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Mechanical Engineering

**UCEAP Course Number****UCEAP Course Suffix**

Y

**UCEAP Official Title**

FIRST YEAR FLUID MECHANICS I

**UCEAP Transcript Title**

FLUID MECHANICS 1

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## **Course Description**

This course provides a basic understanding of the fundamental laws of fluid mechanics and the ability to use them in solving a range of simple engineering problems. Students develop analytical skills and some design appreciation, involving awareness of the interaction between fluid mechanics and considerations of energy resources, materials, solid mechanics, economics, and the environment. The course examines the historical development of the subjects as well as current trends. Laboratory work reinforces lecture material, provides experience of relevant measuring techniques, and develops skills in group working and in written communication.

## **Language(s) of Instruction**

English

## **Host Institution Course Number**

ME1-HFMX

## **Host Institution Course Title**

FLUID MECHANICS

## **Host Institution Course Details**

### **Host Institution Campus**

Imperial College London

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Mechanical Engineering

## **Course Last Reviewed**

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