

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

FIRST YEAR FLUID MECHANICS I

Host Institution Campus

Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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