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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