COURSE DETAIL

FLUID MECHANICS 1
Country United Kingdom - England
Host Institution Imperial College London
Program(s) Imperial College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering Engineering Chemical Engineering
UCEAP Course Number 103
UCEAP Course Suffix Y
UCEAP Official Title FLUID MECHANICS 1
UCEAP Transcript Title FLUID MECHANICS 1
UCEAP Quarter Units 5.00
UCEAP Semester Units

3.30

Course Description

This course establishes a strong foundation and understanding of elementary fluid mechanics. After establishing the basics of the mathematical description of fluids, fluid statics and dynamics are covered, the latter employing control volume analysis. The knowledge is put to application, particularly in the last part of the course which focuses on internal flows.

Language(s) of Instruction
English

Host Institution Course Number
MECH40002

Host Institution Course Title
FLUID MECHANICS 1

Host Institution Course Details
https://www.imperial.ac.uk/mechanical-engineering/study/undergraduate/detailed-...

Host Institution Campus
Imperial College

Host Institution Faculty
Faculty of Engineering

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2023-2024

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