COURSE DETAIL

THERMODYNAMICS 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
UCEAP Course Number 113
UCEAP Course Suffix Y
UCEAP Official Title THERMODYNAMICS 1
UCEAP Transcript Title THERMODYNAMICS 1
UCEAP Quarter Units 4.00
UCEAP Semester Units

2.70

Course Description

This course teaches the fundamental laws of thermodynamics and how they can be used to solve a range of simple engineering problems. The pace of the course takes account of students' lack of familiarity with the subject from pre-university studies. The aim of the lectures and tutorials is to develop analytical skills and some design appreciation, involving awareness of the interaction between thermodynamics and considerations of energy resources, materials, solid mechanics, economics, the environment, etc.

Language(s) of Instruction
English

Host Institution Course Number
MECH40003

Host Institution Course Title
THERMODYNAMICS 1

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

Host Institution Campus
Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2021-2022

Print