COURSE DETAIL

ENGINEERING THINKING I
Country United Kingdom - England
Host Institution University College London
Program(s) University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering
UCEAP Course Number 102
UCEAP Course Suffix
UCEAP Official Title ENGINEERING THINKING I
UCEAP Transcript Title ENGINEER THINKING 1
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course explores and identifies why engineering is essential to the modern world. Students learn how engineers draw on scientific knowledge, research techniques, technical know-how, skills and collective experiences as well as societal facts and values to solve problems of any size or complexity. Within the interplay of these factors, many life-changing decisions and engineering solutions cannot be made using only calculations but require sound thinking and justifications based on often incomplete information.

Language(s) of Instruction
English

Host Institution Course Number
ENGF0014

Host Institution Course Title
ENGINEERING THINKING 1

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/engineering-thinking-i-ENGF0014

Host Institution Campus
University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering Sciences

Course Last Reviewed
2022-2023

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