

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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