

COURSE DETAIL

DESIGN THINKING FOR HEALTH INNOVATION

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

13

UCEAP Course Suffix**UCEAP Official Title**

DESIGN THINKING FOR HEALTH INNOVATION

UCEAP Transcript Title

DESIGN THINKING

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This is a project-based, experiential course that introduces the design thinking process focusing on health innovation to address the real-world unmet needs in society. The goal is to develop communication, interpersonal, teamwork, analytical, design and project management skills through a multi-disciplinary, team-based design experience. The design thinking process modules: empathize, define, ideate, prototype and test, are introduced and the students learn experientially by applying these process modules to solve the health unmet needs they observe in real life. The students are required to report their progress throughout the semester. At the end of the course, they showcase their prototype in a roadshow and submit their project report and reflection on their design journey.

Language(s) of Instruction

English

Host Institution Course Number

ENGG1300

Host Institution Course Title

DESIGN THINKING FOR HEALTH INNOVATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

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