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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering

Course Last Reviewed

Print