

COURSE DETAIL

HEALTHCARE SYSTEMS ENGINEERING

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

HEALTHCARE SYSTEMS ENGINEERING

UCEAP Transcript Title

HEALTHCARE SYS ENGR

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course covers healthcare delivery systems, healthcare technology-human integration, human factors in healthcare, crew resource management, quality of care, economic analysis in healthcare, healthcare logistics, healthcare system test and evaluation, and analysis and design for patient safety.

Language(s) of Instruction

English

Host Institution Course Number

DASE4538

Host Institution Course Title

HEALTHCARE SYSTEMS ENGINEERING

Host Institution Course Details

[https://engg.hku.hk/Portals/0/UG/syllabuses/Syllabus_BEng\(DASE\)_2025-26.pdf](https://engg.hku.hk/Portals/0/UG/syllabuses/Syllabus_BEng(DASE)_2025-26.pdf)

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

Course Last Reviewed

2025-2026

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