

COURSE DETAIL

HUMAN-COMPUTER INTERACTION

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

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

HUMAN-COMPUTER INTERACTION

UCEAP Transcript Title

HUMAN COMP INTERACT

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course is a broad introduction to Human-Computer Interaction (HCI), with an emphasis on techniques, models, theories, and applications for designing, prototyping, and evaluating current and future interactive systems for human use. HCI is an interesting and important area of study, providing the human perspective to computing. Besides technology and innovation, it also touches on issues like ethics and social responsibilities related to technologies in the real world. Selected topics may include multimodal interaction design, ubiquitous/mobile computing, virtual/augmented reality, agents and robots, and HCI applications in various domains such as education, health, urban sustainability, and scientific discoveries.

Language(s) of Instruction

English

Host Institution Course Number

COMP4461

Host Institution Course Title

HUMAN-COMPUTER INTERACTION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science and Engineering

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