COURSE DETAIL

PRINCIPLES OF CYBERSECURITY

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
132

UCEAP Course Suffix

UCEAP Official Title
PRINCIPLES OF CYBERSECURITY

UCEAP Transcript Title
CYBERSECURITY

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description
This course is an introduction to the principles of cybersecurity. Cybersecurity, also called computer security or IT security, refers to the study of techniques to protect computing systems from attacks that threaten data confidentiality, system integrity and availability. By modeling, analyzing, and evaluating the security of computer systems, students will learn to find weaknesses in software, hardware, networks, data storage systems, mobile applications, and the Internet, and identify current security practices and defenses to protect these systems.

Language(s) of Instruction
English

Host Institution Course Number
COMP3632

Host Institution Course Title
PRINCIPLES OF CYBERSECURITY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science and Engineering

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