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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science and Engineering

Course Last Reviewed
2023-2024

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