COURSE DETAIL

ELECTRONIC AND INFORMATION TECHNOLOGY
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) Electrical Engineering
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title ELECTRONIC AND INFORMATION TECHNOLOGY
UCEAP Transcript Title ELECTRIC & INFO TEC
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course introduces the basics of electronics and information technology and their applications to daily-life consumer electronics and communication devices. Contents include the representation of signals in the time and frequency domains; digitization of information; coding for data compression and error protection; transmission of signals; cellular mobile phone and wireless communications; and the internet. The course examines the key technological developments of electronic and information technology and the fundamental principles related to electronic and information technology.

Language(s) of Instruction
English

Host Institution Course Number
ELEC1010

Host Institution Course Title
ELECTRONIC AND INFORMATION TECHNOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Electronic and Computer Engineering

Course Last Reviewed

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