

# COURSE DETAIL

## COMPUTER ORGANIZATION

**Country**

Hong Kong

**Host Institution**

University of Hong Kong

**Program(s)**

University of Hong Kong

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

20

**UCEAP Course Suffix****UCEAP Official Title**

COMPUTER ORGANIZATION

**UCEAP Transcript Title**

COMPUTER ORGANIZATN

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

The course examines computer architecture, memory management, machine and assembly language and computer programming design. Other course topics include: data representations; instruction sets; machine and assembly languages; basic logic design and integrated devices; the central processing unit and its control; memory and caches; I/O and storage systems; computer arithmetic.

### Language(s) of Instruction

English

### Host Institution Course Number

COMP2120

### Host Institution Course Title

COMPUTER ORGANIZATION

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Computer Science

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