

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 Course Details

https://www.cs.hku.hk/programme/course_info.jsp?infile=2018/comp2120.html

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

2023-2024

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