

COURSE DETAIL

COMPUTER FUNDAMENTALS

Country

China

Host Institution

Fudan University

Program(s)

Fudan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

31

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER FUNDAMENTALS

UCEAP Transcript Title

COMPUTER FUNDAMENTL

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course studies the principles of computer systems supporting the operation of application software. Students master the basic overview of a computer system and use these concepts to solve practical problems. The course covers representation of information in computer, machine representation and organization of executable programs, principle of processor, characteristics of hierarchical storage and cache principle, virtual memory, performance optimization.

Language(s) of Instruction

Chinese

Host Institution Course Number

DATA130025

Host Institution Course Title

FUNDAMENTALS OF COMPUTER

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Wen LI

Host Institution Degree

Host Institution Department

Big Data

Course Last Reviewed

2021-2022

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