# 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 Campus**

**Host Institution Faculty**
Wen LI

**Host Institution Degree**

**Host Institution Department**
Big Data

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