

COURSE DETAIL

INTRODUCTION TO COMPUTERS

Country

Japan

Host Institution

International Christian University

Program(s)

International Christian University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

25

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO COMPUTERS

UCEAP Transcript Title

INTRO TO COMPUTERS

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course covers the basic concepts of information science. The first part of the course focuses on how information is represented and stored in binary numbers, characters, images, music and sound, as well as information compression techniques. Next, the class learns the basic concepts of information processing and gains an understanding of logical operations, memory and circuits such as half adder and full adder. The course then focuses on the building blocks of a computer - CPU, RAM, secondary memory and input/output - and covers file systems and operating systems (OS). Finally, students learn about the basics of the internet / artificial intelligence and gain an understanding of concepts related to the transmission of information.

Language(s) of Instruction

English

Host Institution Course Number

ISC103E

Host Institution Course Title

FOUNDATION OF COMPUTERS

Host Institution Campus

International Christian University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information Science

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