

COURSE DETAIL

OPERATING SYSTEMS

Country

Japan

Host Institution

Keio University

Program(s)

Keio University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

134

UCEAP Course Suffix**UCEAP Official Title**

OPERATING SYSTEMS

UCEAP Transcript Title

OPERATING SYSTEMS

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

Operating systems (OSes) such as Linux and Windows abstract bare-metal hardware and provide a more manageable virtual computer. The history of OS is old, and the modern, commercial OS consists of many fundamental concepts and implementation technologies. This course aims to educate on the basic concepts and implementation technologies of conventional OSes and deepen an understanding of their internal structure, particularly the internal structure of Linux and Windows. If time permits, cutting-edge operating systems and techniques will also be introduced. Along with the constant change in computer usage, the functions required in the OS constantly change, thus the study of OS provides hot research topics.

Language(s) of Instruction

Japanese

Host Institution Course Number

N/A

Host Institution Course Title

OPERATING SYSTEMS

Host Institution Campus

Keio University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information and Computer Science

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