

# 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 Course Details

<https://gslbs.keio.jp/pub-syllabus/detail?ttblyr=2023&entno=06359&lang=en>

## Host Institution Campus

Keio University

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Information and Computer Science

## Course Last Reviewed

2023-2024

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