

COURSE DETAIL

OPERATING SYSTEMS INTERNALS

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney,Summer at University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

147

UCEAP Course Suffix**UCEAP Official Title**

OPERATING SYSTEMS INTERNALS

UCEAP Transcript Title

OPERATING SYS INTNL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines relevant OS issues and principles and describes how those principles are put into practice in real operating systems. The contents include internal structure of OS; several ways each major aspect (process scheduling, inter-process communication, memory management, device management, file systems) can be implemented; the performance impact of design choices; case studies of common OS (Linux, MS Windows NT, etc.).

Language(s) of Instruction

English

Host Institution Course Number

COMP3520

Host Institution Course Title

OPERATING SYSTEMS INTERNALS

Host Institution Course Details

<https://www.sydney.edu.au/units/COMP3520>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

[Print](#)