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

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