

COURSE DETAIL

ADVANCED OPERATING SYSTEMS

Country

Canada

Host Institution

University of British Columbia

Program(s)

University of British Columbia

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

ADVANCED OPERATING SYSTEMS

UCEAP Transcript Title

ADV OPERATING SYS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a study of advanced operating systems. It discusses process synchronization and communication schemes, including message-passing and concepts of monitor and serializer. This course explores virtual memory systems and the problem of information sharing in such systems. Topics include: the working set principle; traps and interrupt handling; elementary queuing theory and its application such as process scheduling, system balancing, and load control; file systems and operating system design methodologies.

Language(s) of Instruction

English

Host Institution Course Number

CPSC 415

Host Institution Course Title

ADVANCED OPERATING SYSTEMS

Host Institution Course Details**Host Institution Campus**

UBC Vancouver

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Computer Science

Course Last Reviewed

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