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 Campus
UBC Vancouver

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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