COURSE DETAIL

PARALLEL AND CONCURRENT PROGRAMMING

Country
Singapore

Host Institution
National University of Singapore

Program(s)
National University of Singapore

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
112

UCEAP Course Suffix

UCEAP Official Title
PARALLEL AND CONCURRENT PROGRAMMING

UCEAP Transcript Title
CONCURRENT PROGRAM

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course introduces the design, development and debugging of parallel programs. It builds on the concurrency concepts gained from the Operating Systems course. It covers concepts and modelling tools for specifying and reasoning (about the properties of) concurrent systems and parallel programs. It also covers principles of performance analysis, asynchronous and asynchronous parallel programming, and engineering concurrent systems and parallel programs. This course requires prerequisites.

Language(s) of Instruction
English

Host Institution Course Number
CS3211

Host Institution Course Title
PARALLEL AND CONCURRENT PROGRAMMING

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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