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 Course Details
https://nusmods.com/courses/CS3211/parallel-and-concurrent-programming

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2024-2025

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