COURSE DETAIL

PROGRAMMING METHODOLOGY
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 19
UCEAP Course Suffix
UCEAP Official Title PROGRAMMING METHODOLOGY
UCEAP Transcript Title PROGRAMMING METHOD
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces the fundamental concepts of problem solving by computing and programming using an imperative programming language. It is and introductory course to computing. Topics include computational thinking and computational problem solving, designing and specifying an algorithm, basic problem formulation and problem solving approaches, program development, coding, testing and debugging, fundamental programming constructs (variables, types, expressions, assignments, functions, control structures, etc.), fundamental data structures (arrays, strings, composite data types), basic sorting, and recursion.

Language(s) of Instruction
English

Host Institution Course Number
CS1010

Host Institution Course Title
PROGRAMMING METHODOLOGY

Host Institution Course Details
https://nusmods.com/courses/CS1010/programming-methodology

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2024-2025

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