COURSE DETAIL

OBJECT-ORIENTED PROGRAMMING
Country Korea, South
Host Institution Yonsei University
Program(s) Yonsei University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 70
UCEAP Course Suffix
UCEAP Official Title OBJECT-ORIENTED PROGRAMMING
UCEAP Transcript Title OBJECT PROGRAMMING
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

The major objective of this course is to teach you how to solve problems using algorithmic thinking with the concept of the "object-oriented" programming. We express our algorithms in English, then translate them into the programming language. We cover Python, C++ in this class. During the course, you learn how to use loops, conditionals, functions, arrays, and most importantly "classes." These are the building blocks of programs, which we use to create increasingly complex programs. This course is to understand the fundamentals of object-oriented programming; to understand how to use basic data structures and classes to create complex programs; and to develop problems solving skills by learning algorithmic thinking.

Prerequisite: CSI2100- Computer Programming

Language(s) of Instruction
English

Host Institution Course Number
CCO1102

Host Institution Course Title
OBJECT-ORIENTED PROGRAMMING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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