

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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