

# 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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