

# 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**

88

**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

This course covers solving problems using algorithmic thinking with the concept of "object-oriented" programming. Students will learn to express algorithms in English, then translate them into the programming language using Python, C++. Topics include how to use loops, conditionals, functions, arrays, and most importantly "classes". These are the building blocks of programs, which can be used to create increasingly complex programs.

Prerequisite: CSI2100-Computer Programming

## Language(s) of Instruction

English

## Host Institution Course Number

CAS1102

## 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

2024-2025

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