

COURSE DETAIL

VD COMPUTATION

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science Art Studio

UCEAP Course Number

82

UCEAP Course Suffix**UCEAP Official Title**

VD COMPUTATION

UCEAP Transcript Title

VD COMPUTATION

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers computer programming for designers. Viewing media in the perspective of physical computing and going beyond the limited functionality of the related applications, students will study the necessary tools and scripting interface to be able to actively use media interaction and control. The course utilizes a scripting language open software program called Processing and its related software like Arduino, iCube and python. Students will complete a project, mid-project workshop, and final project presentation. Topics include basic geometry, Loop 1, Loop 2, generative drawing, random and noise, generative typography, algorithm drawing, and more.

Language(s) of Instruction

English

Host Institution Course Number

M1774.000800

Host Institution Course Title

VD COMPUTATION

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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