

## COURSE DETAIL

### COMPUTER VISION

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

117

**UCEAP Course Suffix****UCEAP Official Title**

COMPUTER VISION

**UCEAP Transcript Title**

COMPUTER VISION

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course provides a general introduction to computer vision. Major topics include image processing, detection and recognition, geometry, video analysis, and deep learning. Students learn basic concepts of computer vision as well as hands on experience to solve real-life vision problems. Students learn basic algorithms of computer vision, learn deep learning based computer vision algorithms, and apply learned methods for practical applications.

Prerequisites: Calculus, Linear algebra, Probability

## Language(s) of Instruction

English

## Host Institution Course Number

CSI4116

## Host Institution Course Title

COMPUTER VISION

## Host Institution Course Details

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Computer Science

## Course Last Reviewed

2023-2024

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