

COURSE DETAIL

ROBOT VISION

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

ROBOT VISION

UCEAP Transcript Title

ROBOT VISION

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers fundamental concepts in various computer vision topics related to robotics, examining approaches and solutions in visual recognition problems for robots. Topics include 3D environment modeling/3D reconstruction, and object detection, recognition, and tracking using deep learning.

All students must complete an individual project on a related topic.
Suggested prerequisites: Linear algebra and probability theory, programming skills.

Language(s) of Instruction

English

Host Institution Course Number

M3228.003000 001

Host Institution Course Title

ROBOT VISION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

[Print](#)