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 Course Details
https://sugang.snu.ac.kr/sugang/cc/cc100InterfaceSrch.action

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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