COURSE DETAIL

INTRODUCTION TO VISION AND ROBOTICS

Country
United Kingdom - Scotland

Host Institution
University of Edinburgh

Program(s)
University of Edinburgh

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
103

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO VISION AND ROBOTICS

UCEAP Transcript Title
INTRO VISION&ROBOTC

UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description

The course applies AI techniques to the problems of making devices capable of interacting with the physical world. This includes moving around in the world (mobile robotics), moving things in the world (manipulation robotics), acquiring information by direct sensing of the world (e.g. machine vision) and, importantly, closing the loop by using sensing to control movement.

Language(s) of Instruction
English

Host Institution Course Number
INFR09019

Host Institution Course Title
INTRODUCTION TO VISION AND ROBOTICS

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informatics

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