COURSE DETAIL

INTRODUCTION TO ROBOTICS
Country United Kingdom - England
Host Institution King's College London
Program(s) King's College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering Computer Science
UCEAP Course Number 136
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO ROBOTICS
UCEAP Transcript Title INTRO ROBOTICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course explores robotics with a focus on relevant physics and mathematics. Topics include history and applications of robotics, basic physical principles of electrical/electronic circuits, basic physical principles of mechanical dynamic systems, first and second order differential equations, the need for and the capabilities of different types of sensors and actuators, and basic concepts of control, and different types of robot control architecture.

Language(s) of Instruction
English

Host Institution Course Number
5CCS2ITR

Host Institution Course Title
INTRODUCTION TO ROBOTICS

Host Institution Course Details
https://www.kcl.ac.uk/abroad/module-options/module?id=f06d8418-8f21-40f1-92bc-e...

Host Institution Campus
King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informatics

Course Last Reviewed
2019-2020

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