COURSE DETAIL

ROBOTIC SYSTEMS
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 161
UCEAP Course Suffix
UCEAP Official Title ROBOTIC SYSTEMS
UCEAP Transcript Title ROBOTIC SYSTEMS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course teaches students to model and analyze typical mechatronic devices and their implementation using digital computers, with particular emphasis on robotic systems. Students develop kinematics and dynamic models of robots and examine the electro-mechanical design aspects of mechatronic systems. The course investigates intelligent methods for robotic navigation as well as trajectory and path planning.

Language(s) of Instruction
English

Host Institution Course Number
6CCE3ROS

Host Institution Course Title
ROBOTIC SYSTEMS

Host Institution Course Details
https://www.kcl.ac.uk/abroad/module-options/robotic-systems

Host Institution Campus
Strand Campus

Host Institution Faculty

Host Institution Degree
Bachelors

Host Institution Department
Engineering

Course Last Reviewed
2021-2022

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