# Csci 431: Robotics Programming

## COMPUTER & INFORMATION SCIENCE

The goal of this course is to provide students hands-on experience in the design, construction, and programming of robots that are driven by micro-controllers (e.g., LEGO EV3 mobile robots). Upon completion of this course, students should be able to develop a robotic system from available modular units; to understand the role of knowledge representation, problem solving, and learning in intelligent-system engineering; and to explain the basic concepts of robotics systems.

3 Credits

## Prerequisites

- Csci 211: Computer Science III
- Csci 223: Computer Org. & Assembly Language
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

- Lecture: Lecture for Csci 431

## Subject Areas

- Computer Science

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