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

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.