ROBOTICS (UNDERGRADUATE CERTIFICATE)

Program Overview

The Robotics certificate is an 8-9 course, twenty-six credit program open to all majors and to non-degree students. This is a stand-alone certificate that does not require a student to be enrolled in a degree program at CSU. The program is designed to instruct students on the design, construction, and programming of robotic and automated systems.

Program of Study

Code	Title	Credit Hours
ENGR 1701	Introduction to Robotics	1
Choose one of the following physics lecture/lab combinations:		4
	PHYS 1111/1311 Introductory Physics I Lecture and Lab	
	PHYS 2211/2311 Principles of Physics I Lecture and Lab	
CPSC 1301K	Computer Science I	4
ENGR 2206	Digital Logic	4
ENGR 2217	Robotics Engineering Design	4
ENGR 2235	Basic Electric Circuits	3
ENGR 2255	Engineering Graphics and Computer Aided Design	3
ENGR 3250	Principles of Sensors and Actuators	3
Total Credit Hours		**26**