

ROBOTICS & MECHATRONICS ENGINEERING

Bachelor of Science



Central to Creating Effective Solutions.

Central's BS in Robotics & Mechatronics Engineering Technology provides students with a solid foundation employing computer control systems to make devices smarter and more efficient.

Students learn how to handle vast amounts of data and create systems that make sense of data in real time so that fully automated manufacturing facilities can operate safely and efficiently, or a car can drive completely autonomously. The curriculum incorporates advance/latest technology in Automation, Robotics, Controls, Machine Vision, Instrumentation and Sensors, Computing and Processing etc

Graduates may be involved in creating planetary exploration rovers, robots from precision manufacturing, or devices that assist the elderly.

Program Features

- Attend full- or part-time
- Small class sizes
- Classes available on-campus or in hybrid format
- Focuses on development of practical, hands-on skills through integral laboratory components and activities
- Two hours of laboratory components and activities offered for every two hours of lectures
- Minimum 400-hour internship in relevant industries included as a graduation requirement
- One-semester capstone course integrates the diverse elements of the curriculum to develop student competence in technical and non-technical skills to solve real-world problems
- Financial aid and scholarships available
- Free on-campus child care available



Engineering
Technology
Accreditation
Commission

The Robotics & Mechatronics Engineering Technology program is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET.



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Career Preparation

Graduates can expect to be qualified for a wide variety of job positions, including, but not limited to:

- Robotics / Automation Engineer
- Robotics / Automation Application Engineer
- Robotics / Automation Equipment Sales
- Automation and Controls Engineer
- Manufacturing or Industrial Engineer
- Robotics or PLC Programmer



Currently, there is a strong demand for highly skilled employees of all levels in the area of high-technology manufacturing, and unfortunately a shortage of qualified candidates. The RMET Program answers this call by providing graduates with a strong background in robotics and mechatronics for all areas of manufacturing as well as other industries employing such technologies.

- Ravindra Thamma
Program Coordinator



Clubs

International Society of Automation (ISA) is a non-profit professional association of engineers, technicians, and management engaged in industrial automation. ISA strives to build a better world through automation.



DID YOU KNOW?

Robotics & Mechatronics Engineers are in high demand in the fields of advanced manufacturing, aerospace, robotics, and data analysis.



PROGRAM WEBSITE

ABOUT CENTRAL:

Central Connecticut State University is the largest university within the Connecticut State Colleges and Universities system. Founded in 1849, Central is also the state's oldest publicly funded university. Our campus is located in New Britain, Connecticut. Central is accredited by the New England Commission of Higher Education (NECHE).

