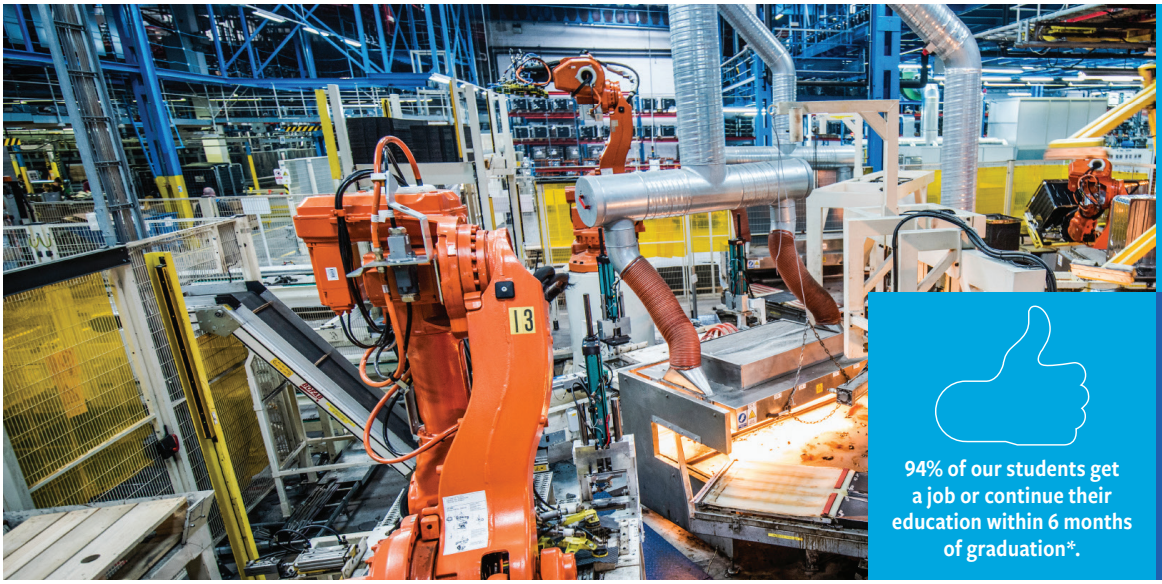

Gain important hands-on experience.

94% of our students get a job or continue their education within 6 months of graduation*.

Our 24-credit program can be completed in a matter of months.

*Fall 2022 statistics

Certificate in Robotics and Automation

Prepare for an in-demand career in a growing industry.

Today, many manufacturing processes are relying on automated systems to streamline production and help businesses run more smoothly. As technology evolves, it is more important than ever that the industry has trained professionals with advanced knowledge of robotics and automation concepts. When you earn your certificate in Robotics and Automation at Goodwin University, you'll gain a deep understanding of essential concepts such as motor and programmable controls as they relate to the automation process. You'll participate in hands-on training in our state-of-the-art manufacturing facilities and learn the ins and outs of the profession from our expert faculty who have years of experience in the field. By studying the basics of maintaining, troubleshooting, and programming automated systems, you'll set yourself up for success in this exciting field.

A flexible program that will lead to an in-demand career

Our 24-credit Robotics and Automation certificate program can be completed part-time or full-time, so you can advance your career on a timeline that works with your busy lifestyle. The hands-on experience you gain in this program will give you an in-depth understanding of robotics and automation concepts, which will make it possible for you to adapt as the industry and its technology continues to advance throughout your career. You'll position yourself as a skilled manufacturing professional and become a highly sought-after job candidate after graduation.

Curriculum		
First Semester		
BMM 140	Principles in Manufacturing Mathematics	3
BMM 183	Basic Electrical	3
BMM 190	Computer Aided Design (CAD)	3
Second Semester		
BMM 189	Electrical Schematics	3
BMM 281	Motor Control	3
BMM 283	Programmable Controllers	3
Second Semester		
BMM 287	Industrial Robotics	3
BMM 291	Advanced Solidworks	3

Total Credits: 24

Goodwin University is a nonprofit institution of higher education and is accredited by the New England Commission of Higher Education (NECHE), formerly known as the New England Association of Schools and Colleges (NEASC).

Goodwin University

For more information, contact:

(800) 889-3282

www.goodwin.edu/robotics

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