ROBOTICS ENGINEERING
Online Graduate Program

Worcester Polytechnic Institute
Online Learning
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LEADING THE ROBOTICS REVOLUTION

With its online graduate program in robotics engineering, Worcester Polytechnic Institute is taking another step forward in a journey that started in the early 1990s. WPI is one of the few schools offering both MS and PhD programs in robotics engineering.

As one of the fastest growing areas of technology, robotics engineering presents opportunities across a wide range of industries—including security and national defense, factory automation, healthcare, consumer products, customized manufacturing, and interactive entertainment. Our online graduate program prepares you to make your mark on the world by integrating the formalized areas of engineering, mathematics and computer science.

Having the ability to imagine how robotics can solve problems is part of the fascination for a new breed of engineers who will lead the robotics revolution—are you prepared to be part of this elite group?

The WPI robotics engineering program has been recognized by NASA for a robot best able to jumpstart construction on the surface of the moon. Our program is also the first in the nation to receive accreditation from the Engineering Accreditation Commission of ABET.
CAREER ADVANCEMENT THROUGH ONLINE EDUCATION

By combining our on campus program with the innovative online education tools of WPI, we are able to offer the first online robotics engineering program in the nation.

Our Master of Science in Robotics Engineering is designed to meet the needs of industry by allowing you to better understand the:

- process of robotics implementation on current processes
- cause and effect of engineering practices in robotics
- importance of robots in automated manufacturing and quality
- integration of sensors, actuators and embedded systems in robotics

The program consists of 30 credits:

- Foundation and Core Courses (15 credits)
- Engineering Context Courses (3 credits)
- Electives (6 credits)
- Capstone Experience (6 credits)

Go to cpe.wpi.edu/+robotics to learn more about the online MS in Robotics Engineering.
Worcester Polytechnic Institute

WPI, one of the nation’s premier science- and engineering-focused universities, holds firm to its founding mission to provide an education that balances theory with practice. World-renowned faculty in science, engineering, technology, business, and the humanities and arts inspire and prepare students to be innovators, entrepreneurs, and leaders. Engaged in cutting-edge, collaborative research, students and their faculty mentors make important contributions to breakthroughs in fields such as biotechnology, clean energy, fire safety, information technology, learning sciences, materials processing, nanotechnology, and robotics.

Online Learning at WPI

For more than 30 years, WPI has been a leader in off-campus delivery of education to students around the world. Our online programs integrate the latest technologies in video, simulations, virtual chat, and discussion boards to bring you a complete educational experience when you cannot, or prefer not, to be on campus.

Online students receive the same high-quality class content, materials, dedicated faculty, and diploma or certificate as on-campus students. You gain an appreciation for how solutions to problems presented in course work might impact your job or even the world around you. It’s a real-world education delivered to meet the needs of real-world professionals.