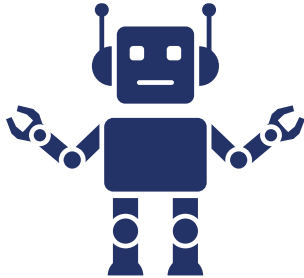


Learning Opportunities for Robotics in Massachusetts



Higher Education Programs

Massachusetts has educational resources at all levels for people who are interested in robotics.

Are you thinking about college, changing your major, or going back to school to study robotics? Check out these robotics programs at institutions across Massachusetts:

Dedicated Robotics Degree & Certificate Programs

- Certificate
 - [Cape Cod Community College-Robotics & Manufacturing Automation](#)
 - [Springfield Technical Community College-Electrical/Robotics Tech](#)
 - [WPI-Robotics Engineering](#)
 - [WPI-Robotics Engineering Management](#)
- Undergraduate
 - [WPI-Robotics Engineering \(major\)](#)
 - [UMass Lowell-Robotics Interdisciplinary Program \(minor\)](#)
- Graduate
 - [Brandeis University-Robotic Software Engineering \(M.S.\)](#)
 - [Northeastern-Robotics \(M.S.\)](#)
 - [Tufts University-Human/Robot Interaction \(M.S.\)](#)
 - [WPI- Robotics Engineering](#)
- Postgraduate
 - [Tufts University-Human/Robot Interaction \(Ph.D.\)](#)

Strong Robotics Pathways

In addition to the above, there are many other colleges and universities in Massachusetts that offer opportunities to prepare you for a career in robotics. These include schools with strong mechanical engineering, electrical engineering, and computer science programs - three core disciplines to robotics.

- | | |
|---|--|
| • Ben Franklin Institute of Technology | • Olin College |
| • Boston College | • Quinsigamond Community College |
| • Boston University | • University of Massachusetts (Amherst, Dartmouth, Lowell) |
| • Harvard School of Engineering & Applied Sciences (SEAS) | • Wentworth Institute of Technology |
| • Massachusetts Institute of Technology (MIT) | • Woods Hole Oceanographic Institution (WHOI) |

Learning Opportunities for Robotics in Massachusetts

Higher Education Affiliated R&D Centers

Another unique way for students to learn robotics is by being involved in a multidisciplinary research project at a dedicated R&D center, facilities that usually offer a mix of academic research projects supported by world-class robotics companies, government, healthcare, and other industries. Massachusetts is home to several R&D Centers that allow students to get hands-on training.

- [Brigham and Women's Hospital](#) (teaching hospital of Harvard Medical School)
- Harvard University - [Harvard Robotics Lab](#) & [Harvard Wyss Institute](#);
- MIT – Computer Science & Artificial Intelligence Lab ([CSAIL](#)), [MIT Media Lab](#), & [MIT Mechatronics Lab](#);
- Northeastern University - [Robotics and Intelligent Vehicles Research](#) (RIVeR) lab, [Kostas Center - KRI & Institute for Experiential Robotics](#);
- [Spaulding Rehabilitation Center](#) (affiliated with Harvard Medical School);
- [Tufts University Human-Robot Interaction Lab](#);
- UMass Amherst – [Robotics, Computer Vision, and Graphics Labs](#) (computer science) & [Mechatronics and Robotics Research Laboratory](#) (engineering);
- UMass Dartmouth – [Center for Innovation & Entrepreneurship's Mechanical Prototyping Lab](#);
- UMass Lowell - [New England Robotics Validation and Experimentation Center](#) (NERVE Center);
- Woods Hole Oceanographic Institution's [Center for Marine Robotics](#) ([MIT/WHOI Joint Program](#) in Oceanography/Applied Ocean Science and Engineering);
- Worcester Polytechnic Institute – [Robotics Labs](#) & [PracticePoint](#).

Note: The lists above are meant to inform about the robotics related learning opportunities that exist across Massachusetts and are not intended to be an endorsement. This list is not intended to be exclusive or exhaustive, so if there are resources you'd like us to consider adding, email us at engage@masstech.org.