



## A Strong Labor Market and a Lucrative Career

**Automation Technicians experienced in Robotics have great job security in the Manufacturing sector thanks to the scarcity of technicians with these skills in Massachusetts.**

Quinsigamond Community College (QCC) has a **new**, one-of-a kind certificate in Automated Robotics Manufacturing Technology (ARMTech). With only an 8-course certificate, Robotics and Automated Manufacturing students can expect to start at \$20/Hour to \$24/Hour and go up to \$24/Hour to \$29/Hour after only 3 years. Should you decide to go on and get your Associates Degree, pay increases to an average of **\$27/Hour to start** (that's a full \$56k annually).

**You can earn a better salary, gain confidence in yourself, and do meaningful work.** QCC's Electronics Engineering Technology Program has an excellent reputation and students are highly sought after. Employers that have hired students include SMC Ltd, Amazon Robotics, and Valmet – all companies with **great pay and great benefits.**

**QCC will teach you everything you need to know to start an exciting career in the manufacturing industry – no experience required.** The course has a 90% job placement rate. QCC is trying to help tackle the shortage of techs in the industry by boosting female enrollment in the newest course to 50%.

### Top 10 Highest Paying Cities for Robotic Technician Jobs in Massachusetts

City	Annual Salary	Monthly Pay	Weekly Pay	Hourly Wage
Brockton	\$55,738	\$4,644	\$1,071	\$26.80
Leominster	\$55,710	\$4,642	\$1,071	\$26.78
Barnstable Town	\$54,556	\$4,546	\$1,049	\$26.23
Cambridge	\$54,299	\$4,524	\$1,044	\$26.11
Boston	\$53,249	\$4,437	\$1,024	\$25.60
New Bedford	\$52,891	\$4,407	\$1,017	\$25.43
Quincy	\$51,317	\$4,276	\$986	\$24.67
Worcester	\$51,097	\$4,258	\$982	\$24.57
Lynn	\$50,099	\$4,174	\$963	\$24.09
Lowell	\$49,464	\$4,122	\$951	\$23.78

### Employment as...

- Mechatronics Technician
- Electro-Mechanical Technician
- Automation Technician
- Robotics Technician



**QCC's Robotics and Automation Technology program will provide you with the skills and training to work as a Robotics and Automation specialist in many areas** such as food and beverage, pharmaceutical, automotive, electronics, medical, supply chain, and many other businesses.

Throughout the program, you'll build, program, test and troubleshoot automated systems that move, sort, and assemble products. You'll be able to conceptualize a task and program a robot to complete it —such as playing a song on a keyboard, sorting items by color, writing and erasing messages, and more.

Robotics and Automation Technology specialists learn to service and test robots and other automated equipment and to design processes to maximize the efficiency and output of these systems.



## Female Role Models

**Stephanie Martinez's** job as an Engineering Technician at Valmet enabled her family to go from being renters to homeowners when she was only 19. Stephanie is employed in the Research & Development Department, where she focuses on product testing. Valmet is paying Stephanie's tuition for her Bachelor's program. She's a QCC graduate, 2023.



“ There aren't a lot of women in this field, but when you have knowledge under your belt, you're able to compete with men on a daily basis and advance in the field! I encourage all women to pursue a higher education and go for it!” -Stephanie Martinez

## Mass Robotics Women and Women in Robotics – Boston Chapter

**MassRobotics Women** and **Women in Robotics Boston Chapter** have joined to strengthen the robotics, AI and technology-focused female community. They are a powerful network of women in technology and robotics that includes industry leaders, entry-, mid-and senior-level employees and academia. Activities include local networking events, outreach, education, mentoring and the promotion of positive role models in robotics. <https://www.womeninrobotics.org>

**The Women in Manufacturing (WiM) Massachusetts Chapter** has an active base of members in and around Massachusetts. Chapters provide excellent opportunities to expand your network, build valuable business relationships, and enjoy industry-related programming. <https://www.womeninmanufacturing.org/massachusetts>

## What education do I need to become an Automation Robotics Manufacturing (ARM) Technician and how can QCC help?

- Certificate or an associate's degree in Manufacturing or Electronics Engineering Technology.
- Learn through hands-on Projects in a lab that's fully-equipped with the latest technology including Fanuc-certified industrial robots. Receive industry-based training from instructors that leads to a job.
- Programs range from 2 semesters to 2 years long. Day and evening classes available. Many courses are available online and students may attend full-time or part-time.
- Earn while you learn. After a few courses many students are can be hired in the manufacturing field, working while they finish their education for improved advancement opportunities.
- Scholarships/Financial aid. Many students can have their tuition paid for with scholarships and financial aid – lack of money is no barrier to participation.
- Fall 2024 classes start September 4.

## Next Steps for Women Interested in Automated Robotics Manufacturing Technology

- Fill out QCC's Women in Automated Robotics Manufacturing Technology Student Interest Survey <https://www.surveymonkey.com/r/qccmanufacturing>
- Sign up to attend the Women in Robotics and Automation Meet & Greet in August <https://QCCWomenRoboticsAugust.eventbrite.com>
- Apply – Contact Jim Heffernan, Professor, Coordinator of Electronics Engineering Technology, [jheffernan@qcc.mass.edu](mailto:jheffernan@qcc.mass.edu), 1-508-854-2739

