



**Franklin
Cummings
Tech**

Mechatronics Technology



Program Details

Department: Engineering Technology

Degree: Associate of Science

Duration: 2 Years

Career focus/Specialization: Robotics & Automation

Overview

Mechatronics is the combination of several areas of study, including industrial electronics, manufacturing, and robotics and automation. Mechatronics technicians use skills from these areas to support the engineering processes of smart gadgets and advanced technologies such as robots. Learn to install new automated systems, troubleshoot malfunctioning electronics, or assist in the design of robotics equipment. Gain practical experience with cutting-edge technology in our lab, which includes HAAS simulators, a teachbot from MIT, a universal robot, and 3D printers. The concentration provides students with a pathway toward undergraduate and graduate programs in Electrical Engineering, Mechanical Engineering, and Manufacturing Engineering. Finally, join the year-long co-op program, where students work for pay at a top employer full-time in the summer and part-time in their second year. The co-op is our fastest path to better careers and higher salaries.

What You Will Learn:

- Installation and maintenance of electromechanical systems
- Operation of automated manufacturing systems
- Programming industrial robotic systems
- Commission and operation of production line processes

Career Paths

- Mechatronics Technician
- Robotics, Robotics Assembly, or Robot Operations Technician
- Automation Technician
- Electromechanical Technician

Job Outlook

Massachusetts has one of the nation's strongest job markets — and highest salaries — for careers in Mechatronics Technology. In fact, the annual average salary for mechatronics technicians in Massachusetts is \$63,850 (US Bureau of Labor Statistics, May 2022).

 Learn more at franklincummings.edu/mechatronics



APPLY TODAY!

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617.588.1368

➤ Higher Education. Lower Obstacles.

Programs at a glance

Certificates

- Automotive Technology*
- Industrial Electronics Technology*
- HVAC&R Technology*
- Practical Electricity*

Associate Degrees

- Automotive Technology
 - Electric Vehicle Technology concentration
- Biotechnology
- Computer Information Technology
 - Cybersecurity Concentration
- Construction Management
- Engineering Technology (3 concentrations)
 - Building Energy Management
 - Mechatronics Technology*
 - Renewable Energy Technology
- Opticianry

Bachelor's Degrees

- Business Management
- Electrical Engineering

*College credits earned in this program can be applied toward a related higher degree at Franklin Cummings Tech.



AFFORDABLE, FLEXIBLE, ATTAINABLE EDUCATION

Your college education only pays off **if** you graduate and find a great career. Franklin Cummings Tech has the best track record — by a wide margin — among any 2-year college in MA in what comes next.

Top 4 Reasons to Choose Franklin Cummings Tech

1 Career-Focused

Most of our students build careers in high-demand fields, in roles where you will be paid well and can support your family. Many students report that they doubled their income as a result of their education. Also, with our co-ops, you can start working and earning in your field after only nine months of school.

2 Affordable

Our tuition cost is less than half of the average tuition at four-year non-profit colleges or for-profit technical schools in Massachusetts, and we provide over \$5M in additional aid. Here, you can enjoy school and the economic opportunities that come with a degree at a price you can afford.

3 Flexible

We offer day and evening classes to meet your schedule. Some programs take less than a year to prepare you for immediate entry into the workforce. When you're ready to continue your education, you can apply your 1-year certificate credits toward a degree.

4 Supportive

We offer small classes — with no big lecture halls — allowing you to receive the individualized attention you need to thrive. Success coaches provide you personalized support every step of the way, which is why most Franklin Cummings Tech students finish on time.

We are an Affirmative Action/Equal Opportunity institution that does not discriminate on the basis of age, race, religion, color, creed, national or ethnic origin, sex, sexual orientation, handicap, or disability in its education programs, employment, or in admissions to, access to, or treatment in its programs or activities.