



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 a wide variety of skills from all of these areas. They support the engineering processes of smart gadgets and advanced technologies such as robots, automated industrial systems, and production systems for manufacturing. A typical day in this exciting and high-demand industry might include installing new automated systems, troubleshooting malfunctioning electronics, or assisting in the design of robotics equipment. Furthermore, the concentration provides students with a pathway toward undergraduate and graduate programs in Electrical Engineering, Mechanical Engineering, and Manufacturing Engineering. In this concentration, you'll learn by doing and gain hands-on experience with state-of-the-art automation processes and equipment.

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!

41 Berkeley Street, Boston, MA 02116

franklincummings.edu

admissions@franklincummings.edu

617.588.1368

➤ Higher Education. Lower Obstacles.

Programs at a glance

Certificates

- Automotive Technology*
- Industrial Electronics Technology*
- HVAC&R Technology*
- Network & Systems Support*
- Practical Electricity*
- Software Development*

Associate Degrees

- Automotive Technology
 - Electric Vehicle Technology concentration
- Biotechnology
- Computer Information Technology (3 concentrations)
 - Cybersecurity
 - Network & Systems Support
 - Software Development
- Construction Management
- Engineering Technology (4 concentrations)
 - Manufacturing and Automation Technology
 - 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 (or "stacked") toward a related higher degree at Franklin Cummings Tech.



Here at Franklin Cummings Tech, we prepare our students to meet the ever-evolving needs of the future. Our programs offer students the opportunity to learn beyond textbooks, **make the world better for the next generation**, and experience lifelong career success.

Top Reasons to Choose Franklin Cummings Tech

1 Career-Focused

Our programs prepare you for the future. We help you find careers in high-demand fields, in roles where you will be paid well and can support your family. In fact, most of our programs boast **80-90%** job placement rates. Our partnerships with industry leaders and job fairs lead to real-world experience and careers for our graduates.

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. Here, you can enjoy school and the economic opportunities that come with a degree at a price you can afford. That is why **97% of our students receive financial aid**. Your future matters, especially to us.

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 (or "stack") your 1-year certificate credits toward an associate or bachelor's degree. This flexibility helps you find a great job, quickly.

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 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.