



Building Energy Management

Program Details

Department: Engineering Technology

Degree: Associate of Science

Duration: 2 Years

Specialization: Building Automation and Energy Management Systems

Overview

In our evolving modern landscape, buildings are supported by interactive, smart, and optimized environmental control systems. Join the next generation of building automation and energy management leaders who can bridge the gap between traditional environmental control systems and the digitized era. With our concentration in Building Energy Management, you'll create a more livable planet by running the technology behind today's smart buildings.

In year 1, you'll earn the Certificate of Proficiency in Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R) is the beginning of your journey. In year 2, you'll learn essential skills that technicians use to install, program, and maintain the high-tech systems that control the heating, ventilation, air conditioning, and lighting in buildings. Our training partner Schneider Electric offers unparalleled exposure to state-of-the-art systems, tools, and practices. You'll gain hands-on experience with world-class systems. Building energy management careers offer much better pay and working conditions than traditional HVAC jobs. It is where engineering meets innovation.

What You Will Learn

- Installation and maintenance of commercial/residential HVAC-R systems
- Installation, maintenance, and diagnosis of complex automated smart controls systems

Career Paths

- Building Automation Technician
- Building Maintenance Technician
- HVAC/Automation Field Service Technician

Job Outlook

The booming construction industry and a shift toward green building technologies are expected to generate over 38,000 new technician job openings a year for the next decade. (Source: US Bureau of Labor Statistics)



APPLY TODAY!

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 Learn more at franklincummings.edu/BEM

➤ 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.