



# 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. It is where engineering meets innovation. Building energy management careers offer much better pay and working conditions than traditional HVAC&R jobs, and you'll create a more livable planet by running the technology behind today's smart buildings. After you do a year of HVAC&R training, you'll learn essential skills in year two to install, program, and maintain the high-tech systems that control the heating, ventilation, air conditioning, and lighting in large 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. 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 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](http://franklincummings.edu/BEM)

# ➤ 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.