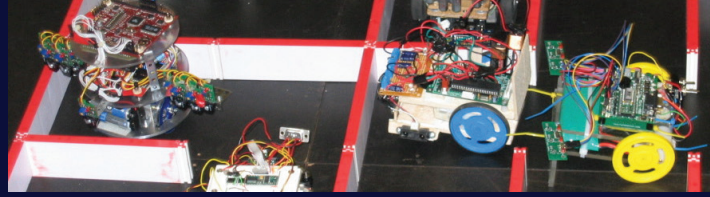




**Franklin
Cummings
Tech**



Electrical Engineering

Program Details

Bachelor of Science in Electrical Engineering **Duration:** 4 years
Career focus/Specialization: Electric power engineering

Overview

Inspired by Ben Franklin's experiments with electricity, we teach the fundamentals of electrical engineering, including analog and digital circuits, communication systems, control theory, electric power systems, power electronics, and programming such as C++. We are ABET-accredited and offer one of the only Electric Power Engineering programs in the region, and by far the least expensive. You'll learn in small hands-on classes that relate the lecture material to practical design challenges. The school prides itself on high graduation rates and providing as much individual attention as you need to succeed. The college has strong connections with the electric power industry, enabling us to align our curriculum with the needs of employers and provide our students with internship and employment opportunities at companies like GE and National Grid.

What You Will Learn

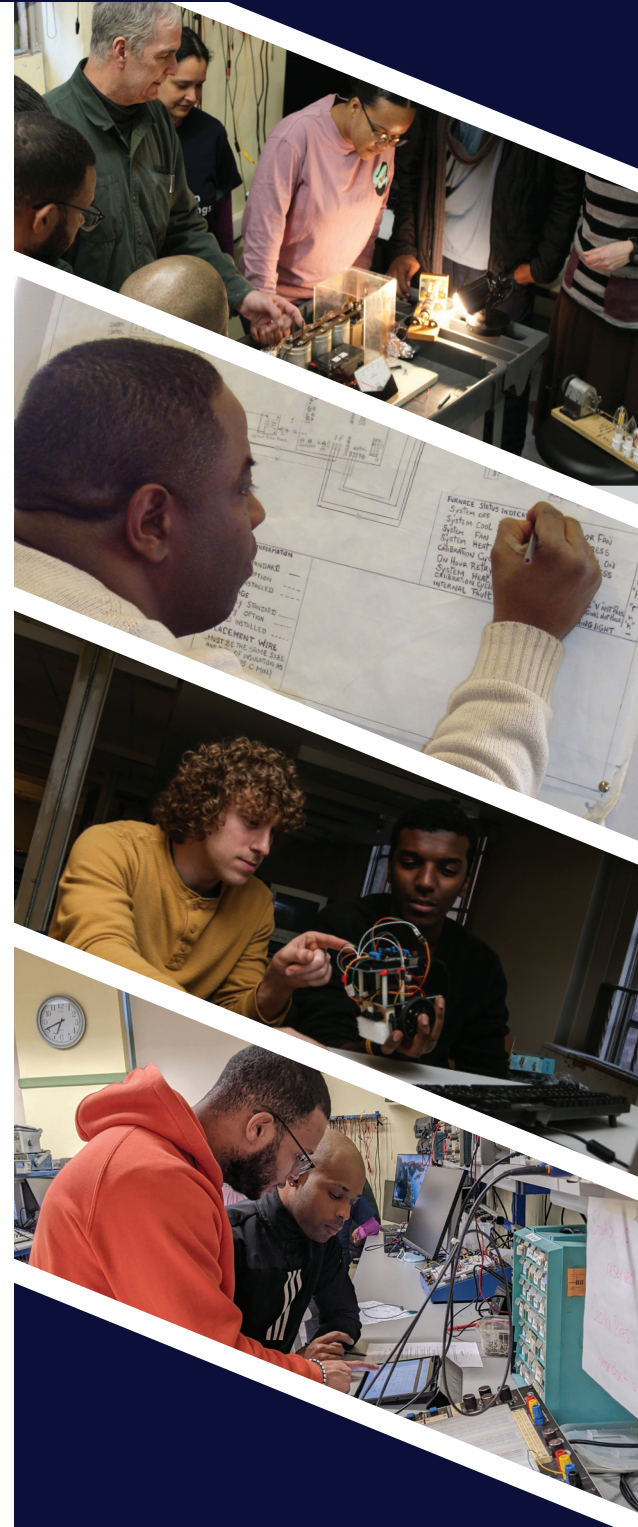
- Analog and Digital Circuit Design
- Control Systems
- Computer Programming
- Electric Power Systems
- Embedded Systems
- Project Management

Career Paths

- Design Engineer
- Test Engineer
- Electrical Products Engineer
- Research Engineer

Job Outlook

As solar and wind power provide more of the world's increasing electricity needs, there will be much higher demand for electrical power engineers at every stage from production to delivery of power to the end user. These engineers will create and improve systems for handling distributed electric power. The number of jobs for Electrical Engineers in the US is expected to top 338,000 by 2029. (Source: US Bureau of Labor Statistics)



Learn more at franklincummings.edu/EE

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*
- 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.