



Practical Electricity

Program Details

Certificate in Practical Electricity **Duration:** 12 Months (part-time)

Career focus/Specialization: Electric machines

Overview

Our Certificate in Practical Electricity is specifically designed for students who want to be electricians. Jobs in this industry are expected to grow dramatically because of the boom in residential and commercial construction and new investments in alternative energy sources. Job security and an impressive salary make this a smart career decision. Our program provides the 600 hours of classroom instruction required for Journeyman Electrician licensure. Our day or evening certificate program is part-time over 12 months, and faculty also speak Portuguese. Through hands-on learning and labs, you will learn the concepts of electrical theory and code and practice the common tasks that electricians perform every day, including how to operate, maintain and troubleshoot electric grid systems powered by wind, solar and other sources. Our industry partners prefer our graduates over other institutions' graduates and start them at a higher salary because of our reputation in the trades.

What You Will Learn:

- Electrical/motor circuits and controls
- Electrical device installation
- Voltage drop & overcurrent protection
- Wiring methods and sizing

Career Paths:

- Area Supervisor
- Estimator
- Journeyman Electrician
- Lead Person
- Project Supervisor
- Master Electrician

Job Outlook

There is strong demand for electricians for residential, commercial, and renewable energy projects. Electricians who can perform a wide variety of tasks, especially the skills gained in our program, will have the best job opportunities. Average salaries for electricians in Massachusetts are 16% higher than the national average. Job security and an impressive salary make this a smart career decision. (Source: US Bureau of Labor Statistics)



APPLY TODAY!

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➤ 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.