



Practical Electricity

Program Details

Certificate in Practical Electricity

Duration: 12 Months (part-time)

Career focus/Specialization: Electric machines

Overview

There has never been a better time to earn a Certificate in Practical Electricity and become an electrician. 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. Our day or evening certificate program is part-time, and faculty also speak Portuguese. 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 hands-on learning and laboratory component gives you the hands-on skills demanded by employers. This certificate meets the Commonwealth of Massachusetts Board of Examiners of Electricians' requirement of the completion of 600 hours of approved education needed for the Journeyman Electricians Licensing Exam. You will gain theoretical application of electricity and master the relevant Electrical Code requirements necessary to design and install a compliant installation.

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*
- 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.