



ELECTRICIAN TECHNOLOGY

CERTIFICATE

Curriculum Requirements: 36 Credits START HERE

1			
Summer Term II (6 credits)			
ENG 120 Professional Communications	3	★	<input type="checkbox"/>
MAT 107 Technical Math	3	★	<input type="checkbox"/>
Total Credits	6		<input type="checkbox"/>

2			
Fall Term I (6 credits)			
	Credits	Milestone	Completed
ELC 101 Basic Electricity I	3	★	<input type="checkbox"/>
ELC 150 Electrical Blueprint Reading	3	★	<input type="checkbox"/>
Total Credits	6		

3			
Fall Term II (6 credits)			
	Credits	Milestone	Completed
ELC 120 Electrical Controls I	3	★	<input type="checkbox"/>
ELC 201 Basic Electricity II	3		<input type="checkbox"/>
Total Credits	6		

4			
Spring Term I (6 credits)			
	Credits	Milestone	Completed
ELC 190 Basic Electronics	3		<input type="checkbox"/>
ELC 220 Electrical Controls II	3		<input type="checkbox"/>
Total Credits	6		

5			
Spring Term II (6 credits)			
	Credits	Milestone	Completed
ELC 250 Electric Motors	3	★	<input type="checkbox"/>
ELC 260 Transformers	3		<input type="checkbox"/>
Total Credits	6		

6			
Summer Term I (6 credits)			
	Credits	Milestone	Completed
ELC 160 Introduction to Renewable Energy	3	★	<input type="checkbox"/>
ELC 180 National Electrical Code	3	★	<input type="checkbox"/>
Total Credits	6		



Program Milestones

Program milestone courses should be taken in the term and order noted.

General Advising Notes

Eligibility Requirements:

- Maine Resident
- High school diploma or equivalent
- At least 18+ before the start of the program
C or better in Algebra I

All classes with an ELC prefix are on campus only.

- ❖ All Electrician Technology Certificate courses can be applied to the Career Studies degree program.

YOU'VE FINISHED!

Program Description

Electrician Technology is a one-year certificate program that teaches students to install, maintain and troubleshoot electrical devices and equipment. Students will gain an understanding of the regulations of residential and commercial wiring and renewable energy. This program provides the 576 hours of education needed to meet the licensing requirements of the State of Maine and, upon successful completion of the program and 4,000 hours in the field of electrical installations, the State of Maine Electrician Examining Board will allow the student to sit for the journeyman in training electrician examination.

Program Learning Outcomes

Students who successfully complete the certificate in Electrician Technology will be able to:

- Practice the electrical skills of the profession in an ethical and responsible manner.
- Respond appropriately to a variety of residential, commercial, and industrial electrical situations.
- Apply knowledge of electrical theory in various projects, including blueprint reading, wiring, motor control, switching, and power circuits.
- Possess in-depth knowledge of the National Electrical Code.

Career Opportunities

Graduates of this program will pursue careers as journeyman electricians.

DISCLAIMER

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