

Electricians Technology

PROGRAM DESCRIPTION



Electricians Technology is a **part-time, evening program** that provides a strong electrical/electronics foundation necessary to meet the increasing technological demands of the electrical trade. Designed for the individual interested in becoming a licensed electrician, this program provides the **576 hours** of education needed to meet the licensing requirements of the State of Maine.

Upon successful completion of the program, the State of Maine Electrician Examining Board will allow the student to sit for the Journeyman's Examination. The Electricians Technology program also can be used to meet the educational requirements for various limited electrician licenses.



Note: Electricians who want to upgrade skills or gain general knowledge may take individual courses without enrolling in the program.

PREREQUISITE

Certificate: high school level Algebra I required.

Students that successfully complete an electrical technology program at a secondary regional technical center may be eligible for up to 3 credits toward EMCC's Electricians Technology Certificate.

STILL IN HIGH SCHOOL? Concurrent enrollment agreements with many high schools and technical education centers are available. Information can be found on <http://www.emcc.edu/academics/concurrent-enrollment/>.



Programs of Study

Automotive
Building Construction
Business Management-Career Option
Business Management-Transfer Option
Business Management-Small Business
Career Studies
Computer Repair Technology
Computer Technology—Coding Option
Computer Technology—Networking
Criminal Justice
Culinary Arts
Diesel, Truck & Heavy Equipment
Digital Graphic Design
Early Childhood Education
Education-Career & Technical Education
Education-Elementary Education
Education-Experiential Education
Education-Secondary Education
Electrical and Automation Technology
Electricians Technology
Emergency Medical Services
Fine Woodworking & Cabinet Making
Fire Science
Human Services
Liberal Studies
Medical Assistant
Medical Office Technology
Medical Office Technology-Coding Option
Medical Office-Health Care Secretary
Medical Radiography
Nursing
Plumbing
Refrigeration, Air Conditioning & Heating
Restaurant & Food Service Management
Substance Abuse Rehabilitation Tech
Surgical Technology
Trade & Technical Occupations
Welding

Admissions Office—EMCC

354 Hogan Rd, Bangor, ME 04401

Phone: 207-974-4680

Toll-Free: 800-286-9357 (in Maine)

FAX: 207-974-4683

Email: admissions@emcc.edu

ELECTRICIANS TECHNOLOGY Certificate

FIRST SEMESTER	CREDITS
ELC 100 Intro to Electricians Technology	3
ELC 111 Basic Electricity I	3
ELC 151 Electrical Controls I	3
ENG 101 College Composition	3
SECOND SEMESTER	CREDITS
ELC 112 Basic Electricity II	3
ELC 171 Electrical Blueprint Reading	3
MAT 110 Technical Mathematics I	3
THIRD SEMESTER	CREDITS
ELC 152 Electrical Controls II	3
ELC 161 Transformers	3
Elective PSY 101 Introduction to Psychology <u>or</u> PSY 211 Human Relations	3
FOURTH SEMESTER	CREDITS
ELC 121 National Electrical Code	3
ELC 131 Basic Electronics I	3
ELC 141 Electric Motors	3
TOTAL CERTIFICATE CREDITS	39

Notes: The Electricians Technology Certificate is offered in a part-time, evening format. Students who wish to attend full-time should contact the Admissions office to discuss scheduling options.



DID YOU KNOW?

EMCC provides campus housing for over 260 students.



EMCC's Student Success Center offers tutoring services free of charge to our students.



EMCC's Athletic Department sponsors many on-campus intramural sports and recreational events.

EMCC students enjoy small class sizes, supportive faculty, transferable courses and leadership/engagement opportunities all for under \$4,000 per year

(most programs, based on 30 credit hours, in-state rate)

Campus tours are available.

Call 207-974-4857 or schedule an appointment through our website.

For more information or to apply online, visit us on the web at

www.emcc.edu

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EMCC is an equal opportunity/affirmative action institution and employer. For more info, please call 207-974-4633.