

CONSTRUCTION TECHNOLOGY - ELECTRICAL TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT (LEVEL II)

NMC Code 069

Qualified electricians install, troubleshoot, and repair electrical systems in residential and commercial settings. There is high demand for well-trained electricians nationwide. The curriculum is designed by the industry and aligned with national competency standards. Students receive hands-on training in our state-of-the-art facilities. This certificate program is approved by the State of Michigan to meet the electrical apprenticeship requirements. Information: (231) 995-2777.

Requirements Certificate Requirements

Course	Title	Credits
MTH 111 or MTH 120	Intermediate Algebra Mathematical Explorations	3-4
ELE 101	Introduction to Electrical	3
ELE 105	Beg Residential Electrical	3
ELE 110	Electrical Code Studies I	3
ELE 111	Electrical Code Studies II	3
ELE 121	Adv Residential Electrical	3
ELE 125	Pre-Commercial Electrical	3
ELE 131	Commercial Electrical	3
ELE 135	Adv Commercial Electrical	3
ELE 142	Industrial Electrical	3
ELE 146	Adv. Industrial Electrical	3
Total Credits		33-34

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
MTH 111 or MTH 120	Intermediate Algebra or Mathematical Explorations	3-4
ELE 101	Introduction to Electrical	3
Credits		6-7
Spring		
ELE 105	Beg Residential Electrical	3
ELE 110	Electrical Code Studies I	3
Credits		6
Year 2		
Fall		
ELE 121	Adv Residential Electrical	3
ELE 131	Commercial Electrical (Fall only)	3
ELE 142	Industrial Electrical	3

ELE 146	Adv. Industrial Electrical	3
Credits		12
Spring		
ELE 111	Electrical Code Studies II	3
ELE 125	Pre-Commercial Electrical (Spring only)	3
ELE 135	Adv Commercial Electrical (Spring only)	3
Credits		9
Total Credits		33-34

The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.