

# 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) 995-2803.

Within this degree you will have the opportunity to earn the following: Electrical Journeyman's License.



## Requirements Certificate Requirements

Course	Title	Credits
CMT 100	Introductory Craft Skills	2
ELE 101	Introduction to Electrical I	3
ELE 107	Introduction to Electrical II	3
ELE 122	Begin Electrical Studies I	3
ELE 126	Begin Electrical Studies II	3
ELE 132	Intermed Electrical Studies I	3
ELE 136	Intermed Electrical Studies II	3
ELE 144	Advanced Electrical Studies I	3
ELE 147	Advan Electrical Studies II	3

ELE 210	Electrical Code Studies I	3
ELE 220	Electrical Code Studies II	3
MTH 111 or MTH 120	Intermediate Algebra Mathematical Explorations	3-4
<b>Total Credits</b>		<b>35-36</b>

## Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
CMT 100	Introductory Craft Skills	2
ELE 101	Introduction to Electrical I	3
ELE 107	Introduction to Electrical II	3
<b>Credits</b>		<b>8</b>
<b>Spring</b>		
MTH 111 or MTH 120	Intermediate Algebra or Mathematical Explorations	3-4
ELE 122	Beginning Electrical Studies I	3
ELE 126	Beginning Electrical Studies II	3
<b>Credits</b>		<b>9-10</b>
<b>Year 2</b>		
<b>Fall</b>		
ELE 132	Intermediate Electrical Studies I	3
ELE 144	Advanced Electrical Studies I	3
ELE 210	Electrical Code Studies I	3
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
ELE 136	Intermediate Electrical Studies II	3
ELE 147	Advanced Electrical Studies II	3
ELE 220	Electrical Code Studies II	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>35-36</b>

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