

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Electrical Wiring  
Certificate of Completion

Curriculum Code: 0964 (Effective Fall 2014 – Summer 2019)

This certificate is designed to provide students with entry level skills in basic electrical theory, fundamental wiring installation techniques, and an understanding of the National Electrical Code. This curriculum would be an excellent choice for students wishing to apply for a construction electrical apprenticeship. All of the course work may be applied toward the Electrical Technology, Associate in Applied Science Degree.

### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

### INFORMATION

Contact the Utility & Energy Systems Program, West Campus Building, Room M127, telephone number (517) 483-1570 (Website: [www.lcc.edu/utility/electrical/](http://www.lcc.edu/utility/electrical/)) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

### REQUIREMENTS

CODE	TITLE	TOTAL: 19 CREDITS CREDIT HOURS
ELTE 102	Industrial/Construction Safety (See Note 1)	2
ELTE 110	Practical Electricity (See Note 1)	3
ELTE 112	Basic Wiring Installation	2
ELTE 141	National Electrical Code I	4
ELTE 142	National Electrical Code II	4
ELTE 145	Electrical Prints for Building	4
<b>MINIMUM TOTAL</b>		<b>19</b>

### NOTES:

1. Students who have already completed DCTM 102, HVAC 102, METS 102 or WELD 102 with a grade of 2.0 or higher may substitute one of these courses for ELTE 102. Any of these courses may also be used to fulfill the prerequisite for ELTE 110.
2. To receive a certificate of completion from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

### SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students wishing to complete this certificate in less than four semesters, or students who for any reason are unable to follow the course sequence suggested below, should contact a program advisor for help with adjustments.

I	II	III
ELTE 102	ELTE 112	ELTE 142
ELTE 110	ELTE 141	ELTE 145