

# Electrical Technology Certificate

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NOTICE(s): For the certificate in Industrial Maintenance Technology, Electrical Technology Specialty, the student must complete at least 44 credit hours—all 38 hours in technical courses listed below and at least 6 in general education courses—all of which must be approved by the advisor. Technical courses may vary to meet student needs and to provide options. Admission Requirement: High school diploma or GED.

The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

## Area I – Written Composition

Item #	Title	Hours
ENG 101	English Composition I	3
	Sub-Total Credits	3

## Area III – Natural Sciences and Mathematics

Item #	Title	Hours
	MTH 100: Intermediate College Algebra OR numerically higher	3
	Sub-Total Credits	3

## Area V - Required Technical Courses

Item #	Title	Hours
EET 100	Introduction to Engineering Technologies	3
EET 109	Electrical Blueprint Reading I	3
	ELT 110 or EET 192	3
ELT 114	Residential Wiring Methods	3
ELT 115	Residential Wiring Methods II	3
	ELT 117 or INT 206	3
	ELT 118 or INT 158	3
	INT 101 or EET 103	3
	INT 103 or EET 104	3
INT 113	Industrial Motor Control I	3
ORI 101	Orientation to College	1
WKO 101	Workplace Skills Development I	1
	Sub-Total Credits	32

## Additional Coursework:

Choose 6 credit hours from the following list.

<b>Item #</b>	<b>Title</b>	<b>Hours</b>
CIS 146	Computer Applications	3
ELT 192	Practicum/Intern/Co-Op	1
ELT 194	Practicum/Intern/Co-Op	3
ELT 286A	Co-Op	1
ELT 286B	Co-Op	1
ELT 286C	Co-Op	1
ELT 288	Co-Op	2
	ELT Electives	6
INT 118	Fundamentals of Industrial Hydraulics and Pneumatics	3
MDT 105	Introduction to Computer-Aided Design (CAD)	3
SPH 106	Fundamentals of Oral Communication	3
	Sub-Total Credits	27
		<b>44</b>