

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code: 0893
(Effective Fall 2018 –
Summer 2023)

Customer Energy Specialist C.A. Pathway

This certificate curriculum provides entry-level technical knowledge and customer relations skills to determine customer energy needs in the negotiation, design, installation, and application of utility facilities. Course work will apply toward completion of the Customer Energy Specialist Associate Degree.

For More Information

Contact the Electrical Technology Program at the West Campus Building, Room M127, telephone number (517) 483-1570 or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

Semester I	Course Title	Prerequisites	Credit/Billing Hours
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Program of Study Requirements

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 classes may also be used to fulfill the prerequisite for ELTE 108 and 109.

BUSN 118	Introduction to Business	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently) and Writing Level 4	3 / 3
ELTE 102	Industrial/Construction Safety	Reading Level 3 and Writing Level 2	2 / 3
ELTE 108 <i>(1st 8 weeks)</i>	Practical Electricity I	Minimum 2.0 in ELTE 102 or DCTM 102 or HVAC 102 or METS 102 or WELD 102 or concurrently and Reading Level 3 and Writing Level 2 and (Math Level 3 or minimum 2.0 in MATH 105 or MATH 106)	2 / 3
ELTE 109 <i>(2nd 8 weeks)</i>	Practical Electricity II	Minimum 2.0 in (ELTE 102 or DCTM 102 or HVAC 102 or METS 102 or WELD 102 or concurrently) and (ELTE 108 or concurrently) and Reading Level 3 and Writing Level 2 and (Math Level 3 or minimum 2.0 in MATH 105 or MATH 106)	2 / 3
Credits			9 / 12

Semester II	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
ACCG 101	Accounting Info for Management	Reading Level 4 and Math Level 4	3 / 3
CITA 110	Intro to Microsoft Office	Reading Level 4	3 / 3
ENGL 124	Technical Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
MGMT 150	Managing Customer Relations	Reading Level 5 and Writing Level 6	3 / 3
Credits			12 / 12
Semester III	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
DCTM 101	Drafting/Intro to CAD	Reading Level 4 and Writing Level 4 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 4
LEGL 215	Business Law-Basic Principles	None	3 / 3
MKTG 200	Principles of Marketing	Reading Level 5 and Writing Level 6	3 / 3
Electives - <i>Select 1</i>			
PHYS 120	The Art of Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 107 concurrently or MATH 109 concurrently)	4 / 5
PHYS 200	Intro To Applied Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 109 concurrently)	4 / 5
Credits			13 / 15
Total Credits			34 / 39