



Customer Energy Specialist C.A.

Career Community: Electrical and Manufacturing

Curriculum Code: 0893

Effective: Fall 2025 – Summer 2030

Purpose of the Major

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.

Milestone

Completion of BUSN 118 and MGMT 150 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

Additional Information

A student must earn a minimum grade of 2.0 in all courses.

If students have already completed DCTM 102 with a grade of 2.0 or higher, that will satisfy the TECH 102 requirement. DCTM 102 will also fulfill the prerequisite for ELTE 110.

Contact Information

For further information, including career options, course substitutions and waivers, etc., 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.

Major Required Courses

Course Code	Course Title	Credit / Billing Hours
ACCG 101	Accounting Info for Management	3 / 3
BUSN 118	Introduction to Business	3 / 3
CITA 110	Intro to Microsoft Office	3 / 3
DCTM 101	Drafting/Intro to CAD	3 / 4
ELTE 110	Practical Electricity	4 / 6
ENGL 124	Technical Writing	3 / 3
LEGL 215	Business Law-Basic Principles	3 / 3
MGMT 150	Managing Customer Relations	3 / 3
MKTG 200	Principles of Marketing	3 / 3
TECH 102	General Industry Safety	2 / 3

Major Required Courses, Limited Choice – Select one

Course Code	Course Title	Credit / Billing Hours
PHYS 120	The Art of Physics	4 / 5
PHYS 200	Intro to Applied Physics	4 / 5

Additional Credits

After completing the course and credit requirements as noted on this pathway, students who fall short of the 30-credit minimum required for a Certificate of Achievement may select any course(s) needed to reach 30 credits, except those courses noted in number 7 in the [Institutional Requirements for Certificates of Achievement](#). Students are encouraged to use Degree Works and meet with an Advisor to ensure all requirements are met and for course recommendations.

Minimum Total Credit Hours

34 credits / 39 billing hours

Recommended Course Sequence

Semester I
BUSN 118 – Milestone course
ELTE 110
TECH 102

Semester II
ACCG 101
CITA 110
ENGL 124
MGMT 150 – Milestone course

Semester III
DCTM 101
LEGL 215
MKTG 200
Limited Choice

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree titles, and make course changes as needed, without prior notice. The College also reserves the right to discontinue programs when warranted.