

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Customer Energy Specialist  
Associate in Applied Science Degree

Curriculum Code: 1022 (Effective Fall 2005 – Summer 2010)

This curriculum is designed to give students the technical knowledge and customer relations skills to determine customer energy needs in the negotiation, design, installation, and application of utility facilities. They negotiate barriers in order to supply energy from the road or nearest energy supply center to the outside of a building under construction. Customer energy specialists are employed by utility companies, governmental agencies, heating and cooling contractors, the construction industry, and engineering and architectural firms. **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor or counselor before enrolling in any course.

#### PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

#### INFORMATION

Contact the Manufacturing Engineering Technologies Department, West Campus Building, Room M103, telephone number (517) 483-1339.

#### REQUIREMENTS

CODE	TITLE	TOTAL: 62 CREDITS CREDIT HOURS
ACCG101	Accounting Information for Management	3
BUSN118	Introduction to Business	3
CITF110	Intro Computer Info Systems	3
CITS100	Schematic Drawing	1
ELTE100	Electrical Safety Practices	1
ELTE110	Practical Electricity	3
ELTE121	Analyzing Electric Circuits	5
ELTE141	National Electrical Code I	4
GRET203	Beginning MicroStation	3
GRET213	Advanced MicroStation	3
LAND282	Computer Drafting/Design Landscape Arch	3
LEGL215	Business Law I, Basic Principles	3
MATH114	Technical Math I	4
MATH115	Technical Math II	4
MGMT150	Managing Customer Relations	3
MGMT234	Diversity in the Workplace	3
MKTG200	Principles of Marketing	3
PHYS120	The Art of Physics	4
SPCH110	Oral Communication in the Workplace	3
WRIT124	Technical Writing	3

**LIMITED CHOICE REQUIREMENTS****TOTAL: 0 CREDITS**Complete the indicated number of credits from **EACH CHOICE** listed below.**CHOICE 1: General Education Core Areas****0 Credits**(See *General Education Core Requirements* for information on how to fulfill these requirements.

Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area (See Note 1)	0
Global Perspectives and Diversity Core Area (See Note 1)	0
Mathematics Core Area (See Note 1)	0
Science Core Area (See Note 1)	0
Writing Core Area (See Note 1)	0

**MINIMUM TOTAL****62****NOTE:**

1. Students completing "REQUIREMENTS" have fulfilled the requirements for this Core area.

**SUGGESTED COURSE SEQUENCE**

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor or counselor for help with adjustments.

<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
BUSN118	ACCG101	ELTE121	ELTE141
CITF110	CITS100	GRET213	LEGL215
ELTE100	ELTE110	MGMT234	MGMT150
LAND282	GRET203	MKTG200	SPCH110
MATH114	MATH115	PHYS120	WRIT124