

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Geothermal Technician  
Certificate of Achievement

Curriculum Code: 1478 (Effective Fall 2009 – Summer 2014)

This certificate is intended to prepare students to work as an entry-level geothermal technician. Geothermal technicians are involved in various aspects of the installation and maintenance of all types and sizes of geothermal systems. Technicians need a working knowledge of all geothermal concepts and design principles.

### 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 Environmental, Design and Building Technologies Department, West Campus Building, Room M103, telephone number (517) 483-5338.

### REQUIREMENTS

CODE	TITLE	TOTAL: 40 CREDITS CREDIT HOURS
AEET 215	Geothermal Technology	3
AEET 260	Codes, Regulations & Standards	3
ELTE 111	Intro to Industrial Automation	4
HVAC 100	Fundamentals of HVAC	3
HVAC 102	Industrial/Construction Safety	2
HVAC 103	HVAC/R Piping	2
HVAC 110	Applied Electricity I	3
HVAC 111	Applied Electricity II	3
HVAC 120	Heating I	3
HVAC 130	Air Conditioning I	3
HVAC 201	Mechanical Code	4
HVAC 230	Air Conditioning II	3
HVAC 231	Heat Pump	3
HVAC 280	EPA 608 Certification Review	1
<b>MINIMUM TOTAL</b>		<b>40</b>

### 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.

I	II	III	IV - Fall Only
ELTE 111	AEET 260	HVAC 201	AEET 215
HVAC 100	HVAC 111	HVAC 230	HVAC 231
HVAC 102	HVAC 120	HVAC 280	
HVAC 103	HVAC 130		
HVAC 110			