

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Solar Energy Technician  
Certificate of Achievement

Curriculum Code: 1476 (Effective Fall 2009 – Summer 2014)

This certificate is intended to prepare students to work as an entry-level solar energy technician. Solar energy technicians are involved in various aspects of the installation and maintenance of all types and sizes of solar energy systems. Technicians need a working knowledge of all solar energy 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: 39 CREDITS CREDIT HOURS
AEET 102	Prin of Altern/Renew Energies	3
AEET 216	Solar Energy Technologies	3
AEET 260	Codes, Regulations & Standards	3
ELTE 141	National Electrical Code I	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 221	Introduction to Hydronics	3
<b>MINIMUM TOTAL</b>		<b>39</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
AEET 102	AEET 216	AEET 260
HVAC 100	ELTE 141	HVAC 201
HVAC 102	HVAC 111	HVAC 221
HVAC 103	HVAC 120	
HVAC 110	HVAC 130	