

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code: 1486
(Effective Fall 2018 –
Summer 2023)

**Alternative Energy Engineering Technology C.C.
Pathway**

This certificate provides entry-level technical knowledge of mainstream alternative energy and renewable energy. Students completing this certificate may use the credits towards the Energy Management Specialist Associate in Applied Science Degree (1606).

For More Information

Contact the Energy Management Program, West Campus Building, Room M103, telephone number (517) 483-5338 or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

Semester I	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
AEET 120	Residential Energy	Reading Level 3 and Writing Level 4 and (Math Level or minimum 2.0 in MATH 105 or MATH 106)	3 / 4
AEET 215	Geothermal Technology	Reading Level 3 and Writing Level 4	3 / 4
DCTM 100	Intro to the Built Environment	Reading Level 4 and Writing Level 4 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 4
Credits			9 / 12
Semester II	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
AEET 216	Solar Energy Technologies	Reading Level 3 and Writing Level 4 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 4
AEET 219	Wind Energies	Reading Level 3 and Writing Level 4 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 4
AEET 220	Energy Modeling	Minimum 2.0 in AEET 120 and Reading Level 4 and Writing Level 4 and Math Level 5	3 / 3
Credits			9 / 11
Total Credits			18 / 23