

LANSING COMMUNITY COLLEGE			
Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 1480 (Effective Fall 2017 – Summer 2022)	Energy Auditor C.A. Pathway		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
DCTM 100	Intro to the Built Environment	Reading Level 4 and Writing Level 4 and Math Level 4	3 / 4
DCTM 102 <i>Students who have already completed ELTE 102, HVAC 102, METS 102 or WELD 102 with a grade of 2.0 or higher may substitute one of these courses for DCTM 102. Any of these classes may also be used to fulfill the prerequisite for HVAC 110.</i>	Industrial/Construction Safety	Reading Level 3 and Writing Level 2	2 / 3
HVAC 100	Fundamentals of HVAC	Reading Level 3 and Writing Level 2	3 / 3
HVAC 110	Applied Electricity I	Minimum 2.0 in (HVAC 102 or DCTM 102 or ELTE 102 or METS 102 or WELD 102 or concurrently) and Reading Level 3 and Writing Level 2 and Math Level 3	3 / 4
Credits			11 / 14

Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
AEET 120	Residential Energy	Reading Level 3 and Writing Level 4 and Math Level 4	3 / 4
CITN 115	Home Technology Integration	Reading Level 4 and Writing Level 4	5 / 6
HVAC 130	Air Conditioning I	Minimum 2.0 in (HVAC 100 and HVAC 110) and Reading Level 3 and Writing Level 2 and Math Level 3	3 / 4
Alternative Energy Electives - <i>Select 1</i>			
AEET 215	Geothermal Technology	Reading Level 3 and Writing Level 4	3 / 4
AEET 216	Solar Energy Technologies	Reading Level 3 and Writing Level 4 and Math Level 4	3 / 4
AEET 219	Wind Energies	Reading Level 3 and Writing Level 4 and Math Level 4	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
DCTM 103	Codes and Specifications	Reading Level 4 and Writing Level 4 and Math Level 4	3 / 3
Credits			14 / 17-18

Semester III	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
AEET 275	Sustainable Building Design	Department Approval	4 / 6
Alternative Energy Electives - <i>Select 1</i>			
AEET 215	Geothermal Technology	Reading Level 3 and Writing Level 4	3 / 4
AEET 216	Solar Energy Technologies	Reading Level 3 and Writing Level 4 and Math Level 4	3 / 4
AEET 219	Wind Energies	Reading Level 3 and Writing Level 4 and Math Level 4	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
DCTM 103	Codes and Specifications	Reading Level 4 and Writing Level 4 and Math Level 4	3 / 3
Credits			7 / 9-10
Total Credits			32 / 40-42