



## Energy Auditor C.C.

Career Community: Building and Construction Trades

Curriculum Code: 1813

Effective: Fall 2022 - Summer 2027

### Description

Professional Energy Efficiency Technicians are involved in the inventory and evaluation of a wide variety of energy producing systems. Technicians will deal with the integration of building, electrical and HVAC systems along with those in alternative energy systems. The Technician will need a working knowledge of “green” building concepts and energy efficient design principles. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

### Milestone

Completion of DCTM 100 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in this course is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in this course.

### Contact 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.

### Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CITN 115	IoT & Automation Fundamentals	5 / 6
DCTM 100	Intro to the Built Environment	3 / 4
DCTM 101	Drafting/Intro to CAD	3 / 4
DCTM 103	Codes and Specifications	3 / 3
HVAC 100	Fundamentals of HVAC	3 / 3
HVAC 110	Applied Electricity I	3 / 4
HVAC 130	Air Conditioning I	3 / 4
HVAC 140	Residential Energy	3 / 4
TECH 102	General Industry Safety	2 / 3

### Minimum Total Credit Hours

28 credits / 35 billing hours

## Recommended Course Sequence

Semester I
DCTM 100 – Milestone course
DCTM 101
HVAC 100
HVAC 110
TECH 102

Semester II
CITN 115
DCTM 103
HVAC 130
HVAC 140

*LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.*