

CONSTRUCTION TECHNOLOGY - HVAC/R TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT (LEVEL I)

NMC Code 064

There is a high demand for qualified technicians in the heating and cooling industry. HVAC/R technicians install, maintain, and repair heating, ventilating, air-conditioning, and refrigeration systems. Because of continuing demand, HVAC/R technicians can usually find employment with good beginning salaries. The curriculum is designed by the industry and aligned with national competency standards. Students receive hands-on training in our state-of-the-art facilities. Information: (231) 995-2777.

Within this degree students will have the opportunity to earn the following: Mechanical Contractor License and EPA Certification.



Requirements Certificate Requirements

Course	Title	Credits
CAR 100	Introductory Craft Skills	2
HVA 101	Introduction to HVAC/R	3
HVA 106	Fundamentals of Heating	3
HVA 122	Refrigeration Fundamentals	3
HVA 126	Residential and Commercial A/C	3
HVA 132	Commercial A/C & Refrigeration	3
HVA 136	EPA Certification	3
MTH 111	Intermediate Algebra	3-4

or MTH 120	Mathematical Explorations	
Total Credits		23-24

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
CAR 100	Introductory Craft Skills	2
HVA 101	Introduction to HVAC/R	3
HVA 106	Fundamentals of Heating	3
Credits		8
Spring		
MTH 111 or MTH 120	Intermediate Algebra or Mathematical Explorations	3-4
HVA 122	Refrigeration Fundamentals	3
HVA 126	Residential and Commercial A/C	3
Credits		9-10
Year 2		
Fall		
HVA 132	Commercial A/C & Refrigeration	3
HVA 136	EPA Certification	3
Credits		6
Total Credits		23-24

The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.