

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

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

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.

Requirements

Certificate Requirements

Course	Title	Credits
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 or MTH 120	Intermediate Algebra Mathematical Explorations	3-4
Total Credits		21-22

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
MTH 111 or MTH 120	Intermediate Algebra or Mathematical Explorations	3-4
HVA 101	Introduction to HVAC/R	3
	Credits	6-7
Spring		
HVA 106	Fundamentals of Heating	3
HVA 122	Refrigeration Fundamentals	3
	Credits	6
Year 2		
Fall		
HVA 126	Residential and Commercial A/C	3
	Credits	3
Spring		
HVA 132	Commercial A/C & Refrigeration	3
HVA 136	EPA Certification	3
	Credits	6
	Total Credits	21-22