

# 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) 995-2803.

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



## Requirements Certificate Requirements

Course	Title	Credits
CMT 100	Introductory Craft Skills	2
HVA 101	Introduction to HVAC/R I	3
HVA 104	Introduction to HVAC/R II	3
HVA 120	Intermediate HVAC/R I	3
HVA 124	Intermediate HVAC/R II	3
HVA 130	Advanced HVAC/R I	3
HVA 136	Advanced HVAC/R II - EPA Cert	3
MTH 111	Intermediate Algebra	3-4

or MTH 120	Mathematical Explorations
<b>Total Credits</b>	<b>23-24</b>

## Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
CMT 100	Introductory Craft Skills	2
HVA 101	Introduction to HVAC/R I	3
HVA 104	Introduction to HVAC/R II	3
	<b>Credits</b>	<b>8</b>
<b>Spring</b>		
MTH 111 or MTH 120	Intermediate Algebra or Mathematical Explorations	3-4
HVA 120	Intermediate HVAC/R I	3
HVA 124	Intermediate HVAC/R II	3
	<b>Credits</b>	<b>9-10</b>
<b>Year 2</b>		
<b>Fall</b>		
HVA 130	Advanced HVAC/R I	3
HVA 136	Advanced HVAC/R II - EPA Certification	3
	<b>Credits</b>	<b>6</b>
	<b>Total Credits</b>	<b>23-24</b>

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