



Climate Control Mechanics

Diploma: NIACC

Industrial Division

Credit

30 semester hours

Contact:

Tom Crowley

(641) 422-4262

crowltom@niacc.edu

Program Description

The Climate Control Mechanics diploma program is designed to provide graduates with the basic knowledge and skills necessary for installing and servicing residential heating and air conditioning systems. Theory of operation, as well as installation and service techniques, for several types of residential heating and air conditioning systems is covered.

Admission Requirements

- NIACC Application for Admission
- High school transcript or GED scores
- ACT scores or COMPASS assessment
- Other college transcripts

Curriculum

First Term (Fall Semester)

ELT-115	Electronic Concepts
ENG-701	Communications I
HCR-115	Residential Heating Systems
HCR-155	Troubleshooting Heating Systems
MAT-770	Applied Math
MAT-771	Applied Math II

Second Term (Spring Semester)

HCR-205	Air-Conditioning Principles
HCR-210	Residential Air-Conditioning Systems
HCR-240	Troubleshooting Air Conditioning Systems
PHY-720	Career Physics
SDV-135	Job Seeking Skills

Program Fees

Tuition & Fees	\$3,487.50
Books	\$600.00 (est.)
Other fees	<u>\$ 1,146.00 (tools included)</u>
Total	\$ 5,233.50 (est.)

Career Potential

In the HVAC industry there are many job openings daily because of the limited supply of good service technicians. There are many different fields to go into within the industry. For example Heating & Air Conditioning Technicians, Installers, Energy Management, Controls Technician, and HVAC Engineers, to name a few. The wages for HVAC technicians fluctuate from area to area but have been starting in the \$9.00 to \$11.00 per hour range and goes much higher.