

**AIR CONDITIONING, HEATING, AND VENTILATION**  
**Associate in Specialized Technology Degree Program**  
**Eighteen months, 1690 clock hours, 104 quarter credits**

Graduates of this program will be trained for entry-level positions in the air conditioning, heating, ventilation fields as an installer, service technician or salesperson.

The program is divided into six quarters during which time the student will complete the following subjects:

<b>Course Number</b>	<b>Course Title</b>	<b>Quarter Credits</b>
CT101	Computer Fundamentals *	4.0
CT104	Introduction to Word Processing	3.0
EC103	Technical Communication	3.0
EL101	Fundamentals of Electricity ▪	6.0
EL102	DC/AC Circuits ▪	6.0
HT100	Oil Heating, Install & Service of Domestic Equipment ▪	6.0
HT101	System Components, Sealed Systems, & Elec. Circuitry ▪	6.0
HT102	Blueprint Reading and Drawing ▪	2.5
HT103	Tools and Equipment ▪	2.5
HT104	Psychometrics, Load Calculations, & Air Distribution Equipment ▪	6.0
HT200	Gas Heating Equipment & Add-on Air Cond. ▪	11.0
HT201	Commercial Refrigeration ▪	6.0
HT202	HVAC Equipment Troubleshooting ▪	11.0
HT203	Heat Pump and Applications ▪	6.0
HT204	Water Heating & Water Cooling Equipment ▪	10.0
MA102	Technical Math I *	4.0
MA103	Technical Math II *	4.0
MA104	Technical Math III *	4.0
PD101	Professional Development I	1.0
PD102	Professional Development II	2.0

\* Indicates a general education requirement

- Students must earn a grade of C- or better in order to graduate

Section 608 EPA Certification exam given 6<sup>th</sup> Quarter  
 410A Safety Certification exam given 5<sup>th</sup> Quarter

