

**Certificate****RESIDENTIAL HEATING, VENTILATION, AND AIR CONDITIONING SERVICE TECHNICIAN (HVAC)**

Every private residence and small business needs the services of skilled technicians trained in the installation, maintenance, and repair of air conditioning, refrigeration, and heating systems. The Residential HVAC Service Technician certificate opens many doors of opportunity for HGTC graduates. The self-motivated graduate from this program has the technical training to work as an installation specialist, service technician, service manager, or sales representative anywhere in the country. This program is approved by the local HVAC industry through a program advisory committee.

**PROGRAM INFORMATION****Course Sequence and Progression Requirements**

To graduate, a student must pass the Core and Type Two sections of the EPA examination. Additionally, all students are required to take the Residential Air Conditioning and Heating Industrial Competency Exam (ICE).

**DAY CURRICULUM SEQUENCE****First Semester - Fall**

ACR 102	Tools and Service	3
ACR 106	Basic Electricity for HVAC	4
ACR 108	Refrigeration Fundamentals	3
ACR 118	Air Conditioning Fundamentals	3
ACR 140	Automatic Controls	3
	<b>TOTAL</b>	<b>16</b>

**Second Semester - Spring**

ACR 110	Heating Fundamentals	4
ACR 160	Service Customer Relations	3
ACR 206	Advanced Electricity	2
ACR 210	Heat Pumps	4
ACR 250	Duct Fabrication	3
	<b>TOTAL</b>	<b>16</b>
	<b>TOTAL CREDIT HOURS</b>	<b>32</b>

**EVENING CURRICULUM SEQUENCE****First Semester - Fall**

ACR 102	Tools and Service	3
ACR 106	Basic Electricity for HVAC/R	4
ACR 108	Refrigeration Fundamentals	3

**Second Semester - Spring**

ACR 118	Air Conditioning Fundamentals	3
ACR 140	Automatic Controls	3

**Third Semester - Fall**

ACR 110	Heating Fundamentals	4
ACR 160	Service Customer Relations	3
ACR 206	Advanced Electricity	2

**Fourth Semester - Spring**

ACR 210	Heat Pumps	4
ACR 250	Duct Fabrication	3
	<b>TOTAL CREDIT HOURS</b>	<b>32</b>

For more information about gainful employment, visit: <https://www.hgtc.edu/righttoknow>.