The heating, ventilation, air conditioning (HVAC) industry has become an increasingly important part of our environment. Indoor environmental air quality is essential in residential, commercial and industrial applications. Many technological advances could not be accomplished without the HVAC specialist. The HVAC program consists of basic to advanced instruction in both the installation and servicing of residential systems. North Montco Technical Career Center’s HVAC program has been granted accreditation by HVAC Excellence. As an accredited program, students who complete the HVAC program at North Montco Technical Career Center can now be fast tracked to higher entry level positions with some of North America’s premier contractors.

What you will learn:
- Installation and servicing of residential HVAC systems
- Oil and gas heating (install/servicing)
- Air conditioning and heat pumps
- Electrical principles
- Basic plumbing skills
- Basic refrigeration systems

Physical criteria:
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling

Class of 2019 graduation plans:
- 70% will be working in this field
- 20% plan to work in a different field
- 10% plan to continue their education in a different field

Uniform/equipment list
(With approximate costs)
- Safety glasses ($5)
- Navy blue work pants ($17)
- 25’ Tape measure ($10)
- Solar powered calculator ($5)
- Leather shoes or work boots ($40)
- Navy blue work shirt ($24)
- 2” white binder, dividers, sheet protectors ($10)
- Digital multimeter (2nd year) ($50)
- Basic tool belt with misc. tools ($100)
- Activity fee ($20)

Certifications students can earn:
- Section 608 Refrigerant/Recovery
- General Industry Safety (OSHA) 10 hour
- HVAC Excellence Certifications
- Refrigerant Mechanic
- Gastite and Trac Gaspipe
- National Oilheat Research Alliance (Bronze)

Potential Career Opportunities include:
Air Conditioning/Heat Pump Technician, Gas Heating Service Technician, Installation/Service Technician, Oil Heating Service Technician, Plumber/Pipe Fitter Technician, Refrigeration Mechanic, Residential Heating/Cooling Technician

Potential Career Opportunities with Post-Secondary Education include:
Air Conditioning and Heating Engineer, Energy Management Control Engineer, Factory Service Representative, HVAC Specialist