HEATING, VENTILATION, AIR-CONDITIONING & REFRIGERATION
(Newport News Campus) Course #8503/8504
One Year Program

If You Like:
- Designing & constructing mechanical systems
- Troubleshooting & problem solving
- Creating climate control systems

... Then this is the program for you!

About the program:
- Students learn to install & maintain the operating conditions of heating & cooling systems
- Students also learn EPA regulations & energy management techniques
- Strong employment opportunities with average salary in Hampton Roads being $45,000

Topics of study:
- Installing, service, & repair of heating and cooling systems
- Reading technical plans & schematics
- EPA Regulations
- Leak detection, evacuation, recovery, and charging
- Air properties & distribution
- Fabricating, assembling, & installing ductwork
- Refrigerant transition & recovery
- Sizing, installing, testing water systems

Credentials:
- EPA/PM Tech/IAQ/Green Technician Examinations
- R-410A
- OSHA 10 Certification

Entry Employment:
- HVAC/R Technician ($20,110 - $44,450)
- Sheet Metal Apprentice ($22,000 - $50,000)

Pathways:
- HVAC/R Technician & Installer ($29,000 - $67,000)
- HVAC/R Estimator ($35,646 - $81,950)
- Facilities Maintenance ($22,010 - $60,660)
- Construction Project Mgt. ($74,079 - $121,940)

Important to Note: Students should be reading on a 10th grade level for this program.