

HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)

The Heating Ventilation and Air Conditioning (HVAC) program presents technical training to students in the areas of electricity, heating, residential air conditioning, refrigeration, sheet metal fabrication, direct digital controls (DDC) & commercial HVAC applications. This program provides students with industry credentialing in the areas of refrigerant handling safety, tool usage and basic commercial HVAC. Foundational skills and principles learned in this program prepare students to work in the commercial and residential HVAC market place. This program will offer students preparation to test for the industry-recognized credentials listed below.

Program Information

- Program Start (semesters): August
- Financial Aid available (for post-secondary students only): Yes
- Veteran Benefits Eligible (for post-secondary students only): Yes
- Industry-recognized credentials: ICE Core + Residential; EPA 608; OSHA

Certificate Requirements

| Code | Title | Hours |
|--------------------|--------------------------------|-----------|
| CEC 105 | Workplace Skills | 1 |
| CEC 110 | Safety Orientation/OSHA 10 | 1 |
| CEC 115 | Electrical Fundamentals | 4 |
| CEC 118 | Electrical Fundamentals II | 2 |
| CEC 120 | Heating System Fundamentals | 3 |
| CEC 123 | Adv Electrical Theory for HVAC | 3 |
| CEC 126 | Advanced Heating Systems | 3 |
| CEC 135 | Sheet Metal Fabrication I | 3 |
| CEC 205 | HVAC Fundamentals | 4 |
| CEC 207 | Heating System Installation | 3 |
| CEC 210 | EPA 608 | 1 |
| CEC 215 | Intro Mechanical Refrigeration | 4 |
| CEC 225 | Heat Pumps | 3 |
| CEC 230 | Commercial HVAC | 4 |
| CEC 235 | Commercial HVAC Lab | 4 |
| Total Hours | | 43 |