

HVAC Installation Technician Certificate

The heating, ventilation and air conditioning vocational certificate program is a one-year program you can complete in two semesters. The program is designed as a fast track to employment for both new students into the job market and those who have been displaced from their jobs due to changes in the employment market. Upon successful completion of the program, you will be equipped with the entry-level technical skills necessary to enter the job market as an installation technician in the heating/air conditioning trade.

Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/ professional responsibilities.

(Major Code 6270; State CIP Code 47.0201)

- Gainful Employment - HVAC (<http://www.jccc.edu/hvac/ge-hvac.html>)
- HVAC (<http://www.jccc.edu/hvac>)

First Semester

HVAC 121	Basic Principles of HVAC*	4
HVAC 123	Electromechanical Systems	4
HVAC 167	Sheet Metal Layout and Fabrication	3
HVAC 155	Workplace Skills	1
INDT 125	Industrial Safety/OSHA 30	3
Total Hours		15

Second Semester

HVAC 148	HVAC Installation and Start-up Procedures*	3
HVAC 146	Plumbing Systems Applications	3
HVAC 143	Reading Blueprints and Ladder Diagrams	2
HVAC 124	Equipment Selection and Duct Design*	4
HVAC 150	Refrigerant Management and Certification	1
Total Hours		13

Total Program Hours: 28