

General Basic HVAC Installation and Duct Fabrication Certification

This vocational certificate provides the student with the fundamentals necessary to gain employment in the area of installation and duct fabrication in the heating and air conditioning field. It is 19 credit hours of basic knowledge in heating ventilation air conditioning, industrial safety, and sheet metal. This certificate is the beginning completion point for students in the HVAC field and verifies that the student can demonstrate several basic HVAC skills as they relate to installation and duct fabrication.

Suggested/Sample Course Sequence

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

(Major Code 3780; 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 150	Refrigerant Management and Certification	1
HVAC 155	Workplace Skills	1
Total Hours		10

Second Semester

INDT 125	Industrial Safety/OSHA 30	3
HVAC 167	Sheet Metal Layout and Fabrication	3
MATH 130	Technical Mathematics I*	3
Total Hours		9

Total Program Hours: 19