

HVAC INSTALLER DIPLOMA

Entry Time

Fall

Award

Diploma

1 year (2 terms)

The HVAC Installer program prepares students to enter the skilled trade of heating, ventilation and air conditioning installation. The program focuses primarily on residential and light commercial equipment and covers installation procedures, code requirements, electrical applications and refrigerant handling procedures. The one-year, hands-on program also includes system design and HVAC component operation.

This diploma is eligible for state and federal financial aid.

Career Opportunities

- HVAC installer
- HVAC repair
- technician
- sheet metal worker

Diploma Requirements

Term 1		
Fall		Credit Hours
HCR-410	Electrical Applications I	3
HCR-605	HVAC Installation I	5
HCR-710	Fundamentals of Plan and Print Reading	2
HCR-932	Internship	1
MAT-719	Applied HVAC Math	3
Communications Course		3
Term Totals:		17
Term 2		
Spring		
HCR-450	Electrical Apps for HVAC II	3
HCR-600	Pipe Joining Methods	3
HCR-610	HVAC Installation II	7
HCR-932	Internship	1.5
Social Science Course		3
Term Totals:		17.5
Program Totals:		34.5

Optional Courses

Code	Title	Credit Hours
HCR-924	Honors Project	1
HCR-928	Independent Study	1-3

HVAC Installer Tool Requirements

Students in the HVAC Installer program are required to have a tool set for lab activities. Instructors will provide students with a list of minimum requirements. Students can purchase tool set through the Kirkwood bookstore. An additional equipment list will be provided for students to purchase on their own.