

Heating, Ventilation, Air Conditioning and Refrigeration

Secure your future with a solid career



The Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC-R) program at SJVC prepares students to work in the heating and cooling industry. Training focuses on theories of heating, refrigeration and air conditioning. Students study the operation, maintenance and repair of residential and commercial equipment.

Students Learn

- Diagnostic practices
- Heating and cooling principles
- Electrical theories
- Customer relations

Professional Certifications

Graduates earn an Associate of Science degree along with EPA, HVAC Excellence, and Air Conditioning, Heating and Refrigeration Institute (AHRI) Certification.

Career Information

Well-trained heating and cooling technicians are relied upon to make sure climate control systems are running smoothly. They are responsible for performing these important tasks:

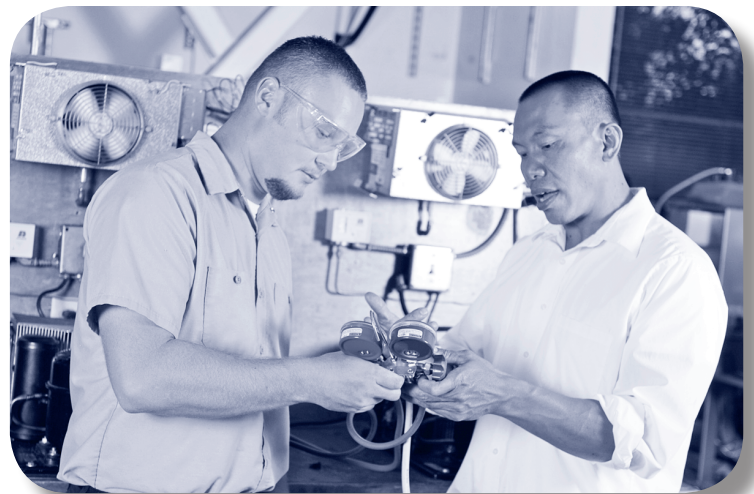
- Install, service & replace units
- Test equipment for safety & efficiency
- Uphold compliance with industry standards
- Diagnose mechanical and electrical problems

Admission Requirements

Admission to the HVAC-R program requires:

- High school diploma or equivalent
- Wonderlic SLE assessment score of 14 or higher
- Valid California driver license
- No DUI convictions for the past 3 years

Applicants must have reliable plans for transportation, child care and time to devote to academic work outside of scheduled class hours.



Course Listing		
Course ID	Course Name	Credit Units
AC 100	Basic Air Conditioning Theory and Applications	5.0
AC 302	Intermediate Air Conditioning	2.0
AC 400	Advanced Air Conditioning	2.0
EC 100	Basic Electricity Theory and Applications	5.0
EC 200	Intermediate Electricity 1	5.0
EC 302	Intermediate Electricity 2	3.0
EC 400	Advanced Electricity	2.0
ENG 121	Composition and Reading - Part A	3.0
ENG 122	Composition and Reading - Part B	3.0
MTH 121	College Algebra - Part A	3.0
MTH 122	College Algebra - Part B	3.0
NSC 1	Introduction to the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PSY 1	General Psychology	3.0
RF 100	Basic Refrigeration Theory and Applications	5.0
RF 200	Intermediate Refrigeration 1	2.0
RF 302	Intermediate Refrigeration 2	5.0
RF 400	Advanced Refrigeration	2.0
SOC1	Introduction to Sociology	3.0
A.S. Degree Program Total		62.0

Classes for this program are offered in the evening Monday through Thursday.

Class Schedule
Monday - Thursday
Evening Session: 5:30pm-10:15pm

NOTE: Class times subject to change based on seat availability.

Hesperia Campus
9331 Mariposa Road
866.483.1797

Consumer Information	
Occupations*	
HVAC-R Technician (49-9021.00) [†]	
Maintenance- General (47-3015.00) [†]	
On-time Completion Rate**	66%
Graduate Placement Rate	63%
Tuition and Fees	\$31,950
Graduate Median Loan Debt	
Title IV HEA Loans	\$19,300
Private Loans	\$0
Institutional Loans	\$0

Statistics for graduate cohort of July 2010 - June 2011

*Visit <http://www.onetcodeconnector.org/ccreport> and enter the reference number[†] from the Consumer Information table for complete details.

**Percentage of graduates who completed the program in the scheduled 60-week period.

The HVAC-R program is offered in:

FRESNO
BAKERSFIELD
MODESTO
VISALIA
RANCHO CUCAMONGA
HESPERIA

Other SJVC Campus locations:

RANCHO CORDOVA
HANFORD
TEMECULA

Program availability varies by campus

