

HVAC I (Heating, Ventilation, Air Conditioning)

School: SoCal ROC
Course ID: 508
Availability: Call 310-224-4200
Weight: 0.00kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Short Description
Residential and Commercial Ventilation

Description

Accelerate Your Future at SoCal ROC!

Students will develop an understanding of mechanical and electrical systems through project-based experiences in residential and commercial ventilation. Emphasis is placed on the generation and modification of electricity for HVAC systems, wiring principles and procedures approved by the National Electrical Code (NEC), operational techniques for ventilation and refrigeration systems, and troubleshooting techniques for refrigeration systems.

Learn Valuable Industry Skills!

- Resource Management
- Trade Mathematics
- Electrical Theories
- Thermodynamics
- Heating and Controls
- Troubleshooting and Maintenance

Professional Certification Opportunities!

Designations offered to students completing the HVAC program include:

- Upon completion of HVAC I and II students will be prepared for the Environmental Protection Agency (EPA) examination and to obtain other complementary licenses

Checkout Potential Career Options!

- HVAC Mechanic
- AC Technician
HVAC Engineer
- HVAC Refrigeration Tech
Solar Technician
- Mechanical Engineer

Prerequisites

None

Schedule

Complete in 1 Semester: M/W or T/Th from 4:15pm-7:00pm or 7:00pm - 9:45pm

To access the most recent course schedule please call registration or click the link under programs. Please be advised the schedule is subject to change.

High School Info

Benefits of CTE

After completing courses in CTE, you will have a clearer vision of your future career path and what the next steps will be. Career Technical Education allows high school students to see what options are out there and see first-hand what careers they enjoy and thrive in. Whether you decide to enter the workforce, pursue a trade or apprenticeship, or apply to college, CTE adds to the traditional high school experience and is designed to prepare you for the next stage in your life.

Earn High School Credit!

You can earn five elective credits and satisfy CSU/UC Admissions Requirements » G - College

Preparatory Elective.

Ready To Enroll?!

Call our [Career Guidance Specialist](#) or register through your home school counseling offices and receive priority through pre-registration for classes that meet from 1:15 - 4:15 and 4:15 - 7:00 p.m.

Course Locations **SoCal ROC**

Address: 2300 Crenshaw Blvd., Torrance, CA 90501 U.S.

Phone: 310-224-4200