

# 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