

# HVAC II (Heating, Ventilation, Air Conditioning)

**School:** Engineering and Design

**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 Heating Systems**

## 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 heating systems. This course covers the theory of refrigeration evacuation and charging methods.

## Learn Valuable Industry Skills!

- Electrical circuit types
- Schematic symbols
- Three phase electrical power
- Electrical color codes
- Voltage changes and losses
- Basic Electrical Wiring and Motor Selection
- Ventilations Systems
- HVAC Systems
- Commercial HVAC Systems
- HVAC Troubleshooting

## 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

- Completion of HVAC I

- Purchase of apparel and materials is required for adults, but is optional for high school students. Please call registration for full list.

### 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 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

In person

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

**Phone:** 310-224-4200