

# Automotive Module IV



**School:** SoCal ROC  
**Course ID:** 4559  
**Availability:** Call 310-224-4200  
**Weight:** 0.00kg  
**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Short Description

Repairing electrical/electronic systems and heating and air conditioning

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# Accelerate Your Future at SoCal ROC!

Module IV provides hands-on training for students in the following areas: repairing electrical/electronic systems, and for repairing heating and air conditioning. This program equips students with the knowledge and experience to enter and advance in the automotive industry.

## Learn Valuable Industry Skills!

### A. Electrical and Electronic Systems

1. General electrical system diagnosis
2. Lighting system diagnosis and repair
3. Gauges, warning devices, and driver information system diagnosis and repair
4. Horn and wiper/washer diagnosis and repair

### B. Heating and Air Conditioning

1. A/C system diagnosis and repair

2. Refrigeration system component diagnosis and repair - compressor and clutch
3. Heating and engine cooling systems diagnosis and repair
4. Operating systems and related controls diagnosis and repair - electrical
5. Operating systems and related controls diagnosis and repair - refrigerant recovery,  
recycling, and handling

**Classroom Hours:** 216

## Gain Industry Certifications!

1. Prepares students to pass the A6 and A7 [NATEF/ASE Certification Exams](#)
2. In addition to our normal courses students can sign up for specialty training via Honda's P.A.C.E program at no additional cost and earn a Honda Express Service Certification! Honda's P.A.C.E. is an opportunity for students to take Honda's Express Service curriculum (online modules and in-person) and train for Honda's Express Service test at our facility. Students will be tested at Honda's Official Training Center in Torrance by Honda Technicians. Upon receiving a passing score, students will be awarded a Honda Express Service Certification!
3. In addition to our normal courses students can sign up for the [Ford/Lincoln Automotive Career Exploration \(ACE\) program](#) and complete Ford's Web-Based Training (WBT) at no additional cost. This is an opportunity to take the same curriculum as Ford's current technicians and gain a competitive edge! Certificates can be printed after each course is completed.

### Prerequisites

Automotive Module I, II, and III

### Schedule

**1 Semester:** Monday - Thursday from 1:15pm-4:15pm or 4:15pm-7:00pm.

To access the most recent course schedule please call registration or click the link under Course Information. 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 to 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 ten elective credits and satisfies CSU/UC Admissions Requirements » G - College Preparatory Elective.

### **Benefits for College-Bound Students**

#### **1. Gain hands-on, practical experience with potential careers and make more-informed decisions about your exact path forward.**

Immerse yourself in your desired career and help you gain a better understanding of your career goals. This allows you to make the most of your time in college and invest your time and money in a career just right for you!

#### **2. Build industry specific skills and knowledge through hands-on project based application.**

You will be exposed to industry professionals, terminology, equipment, and environments designed to prepare you for life after high school. You are given an opportunity to apply what you learned in the classroom and build your confidence that you will carry with you for the rest of their career!

#### **3. Gain a competitive advantage over other college applicants!**

Set yourself apart from the crowd during the college admission process by demonstrating mastery of industry skills through CTE certifications, and in many cases official industry certifications! In addition to the certifications, CTE students gain soft skills and industry exposure that is unique to CTE students.

# 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