

Automotive Module II



School: SoCal ROC
Course ID: 2559
Availability: Call 310-224-4200
Weight: 0.00kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Short Description

Brakes, Steering, and Suspension

Description

Accelerate Your Future at SoCal ROC!

This course provides hands-on training in the repair of electrical and electronic systems, as well as in the diagnosis, maintenance, and repair procedures of brakes, steering, and suspension. This program equips students with the knowledge and experience to enter and advance in the automotive industry.

Learn Valuable Industry Skills!

A. Accessories Diagnosis and Repair

1. Diagnose incorrect operation of motor-driven accessory circuit
2. Diagnose incorrect operation of cruise control system
3. Diagnose body electronic system circuits and module communication errors using a scan tool
4. Disarm and disable the airbag system
5. Diagnose the cause of false, intermittent, or no operation of anti-theft system

B. Suspension and Steering

1. Identify and interpret suspension and steering concerns; determine necessary action
2. Research applicable vehicle and service information, such as suspension and steering system operation, vehicle service history, service precautions, and technical service bulletins
3. Locate and interpret vehicle and major component identification numbers (VIN), vehicle certification labels, calibration decals
4. Steering systems diagnosis and repair
5. Suspension systems diagnosis and repair
6. Miscellaneous service
7. Wheel alignment diagnosis, adjustment, and repair

C. Brakes

1. Hydraulic system diagnosis and repair
2. Drum brake diagnosis repair
3. Perform power-assist units, diagnosis and repair
4. Miscellaneous (wheel bearings, parking brakes, electrical, etc.) diagnosis and repair
5. Anti-lock brake systems

Gain Industry Certifications!

1. Prepare students to pass the A4, A5, and A6 [NATEF/ASE Certification Exam](#)
2. In addition to our normal course's 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. program 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.

Classroom Hours: 216

Potential Careers

- Mechanical Engineer
- Automotive Salesman
- Automotive Service Technician and Mechanic
- Shop Foreman
- Service Advisor
- Service Manager
- Parts Manager

Prerequisites

Automotive Module I

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 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 decide you want 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 10 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 your 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