

# DEGREES & CERTIFICATES

## AUTOMOTIVE SMOG TECHNICIAN ASSOCIATE OF SCIENCE (AS)

### About the Program

The Associate of Science in Automotive Smog Technician degree will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

### Program Goals and Objectives

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

### Career Opportunities

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

### Program Outcomes

- Upon completion of the AS in Automotive Smog Technician, students are able to apply for and take the California Smog test.
- Upon completion of the AS in Automotive Smog Technician, students are able to diagnose advanced emission issues using five gas.
- Upon completion of the AS in Automotive Smog Technician, students are able to diagnose high level engine mechanical issues using engine scanners.
- Upon completion of the AS in Automotive Smog Technician, students should be able to diagnose high-level engine mechanical issues using engine scanners.

### Learning and Career Pathway Maps

[View LPC Program Map](#)

#### Required Core: (42.5 Units)

AUTO A1 Engine Repair.....	4
AUTO A2 Automatic Transmission/Transaxle.....	4
AUTO A3 Manual Drive Train and Axles.....	4
AUTO A4 Suspension and Steering.....	4
AUTO A5 Brakes.....	4
AUTO A6 Electrical/Electronic Systems.....	5
AUTO A8 Engine Performance.....	5
AUTO LABA Automotive Lab.....	2
AUTO L1L2 Smog Level One and Level Two.....	5.5
AUTO SDR Specified Diagnostic and Repair.....	5

#### List A: Select One (4 Units)

AUTO INTR Automotive Service and Introduction.....	4
AUTO INTL Automotive Service and Introduction Hands-On Lab and .....	2
AUTO INTZ Automotive Service and Introduction Lecture.....	2

**Total Units for the Major..... 46.5**

#### Program-Based GE: Select One (3 Units)

CMST 1 Fundamentals of Public Speaking.....	3
CMST 10 Interpersonal Communication.....	3

**Additional General Education and Elective Units..... 16**