

ENGINE PERFORMANCE SPECIALIST, CERTIFICATE OF ACHIEVEMENT

Banner Code: 2_CN_AUTOES

Control Number: 44863

Not Financial Aid Eligible

This program is designed to prepare students for careers as automotive service technicians. The curriculum aligns with the ASE certification areas A6 Automotive Electrical, A8 Engine Performance, and L1 Automotive Advanced Engine Performance. This prepares students for employment in advanced level diagnostics. Upon completion of this program, students will have developed the skills required to diagnose and repair fuel and emissions related systems.

Program Level Learning Outcomes

Upon completion of this program, students will be able to:

1. Diagnose drivability and emission systems using industry accepted diagnostic tools and equipment.
2. Assess drivability and emission related input/output values using diagnostic tools and comparing findings to published manufacturer's specifications.
3. Perform an emission system repair procedure utilizing published manufacturer's Service Information (SI) procedures.

Potential careers students may enter upon completion are as follows:

- Automotive Service and Repair
- Fleet Service
- Public Transportation and Maintenance
- Marine Repair
- Automotive Aftermarket Industry

Review Graduation Requirements (<https://catalog.cccd.edu/goldenwest/graduation-requirements/certificates/#achievementtext>) and Academic Program Maps (<https://programmap.goldenwestcollege.edu/academics/>).

Course	Title	Units
Required Courses		
AUTO G181	Automotive Express Service	4
AUTO G120	Electrical/Electronic Systems: Introductory	5
AUTO G121	Electrical/Electronic Systems: Advanced	5
AUTO G130	Engine Performance: Basic Theory/ Diagnosis	4.5
AUTO G110	Engine Repair	5
Total Units		23.5