

# AUTOMOTIVE EMISSION CONTROL CERTIFICATE

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**Division:** Career Technical Education

**PROGRAM CODE:** 2C37963

The **Automotive Emission Control Certificate** will prepare the student for The National Institute of Automotive Service Excellence (ASE) Exams, The State of California Smog Check Inspector License Exam, and/or the State of California Smog Check Repair Technician License Exam. Completion of the Automotive Emission Control Certificate, ASE Exams, The California Smog Check Inspector Exam, and The California Smog Check Repair Technician License Exam will enable a student to seek employment within the California Smog Check Program. The Automotive Emission Control Certificate requires a total of 18 units. A grade of C or better is required in each course taken.

Code	Title	Units
<b>Required Courses (18 units):</b>		
AUTO 180 F	Automotive Engine Performance and Drivability (formerly AUTO 082 F)	8
AUTO 181 F	Automotive Fuel Systems and Advanced Drivability Diagnosis (formerly AUTO 088 F)	4
AUTO 182 F	Automotive Emission Control Systems and Advanced Diagnosis (formerly AUTO 090 F)	6
<b>Total Units</b>		<b>18</b>

## Program Level Student Learning Outcomes

**OUTCOME 1:** Integrate advanced theory and diagnostic techniques through the use of advanced tools related to the repair of automotive emission control systems.

**OUTCOME 2:** Evaluate and solve questions related to mechanical engine performance, computer controlled powertrain systems, and electronic fuel management systems in preparation for The National Institute of Automotive Service Excellence (ASE) Exams, The State of California Smog Check Inspector Exam, and The State of California Smog Check Repair Technician Licensing Exam.

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