

# SKILL CERTIFICATE IN AUTOMOTIVE EMISSIONS TECHNOLOGY

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Students completing this certificate will acquire skills and knowledge required by the State of California, Bureau of Automotive Repair in preparation for the Automotive Technician's emission examination.

## Program Outcomes

- Use the proper automotive terminology to discuss systems operation, methods of diagnosis and needed repairs.
- Prepare a written estimate of needed system repairs and estimate the related costs.
- Practice safety in the repair and service associated with electrical, hydraulic and mechanical systems.
- Demonstrate abilities to describe construction components and apply necessary skills for their respective approach to select the proper method to diagnose, repair and test automotive systems.
- Demonstrate proficiency in the use of automotive diagnostic equipment to evaluate system performance and determine needed repairs.

## Career Opportunities

Entry-level employment opportunities include, but are not limited to, automotive emissions equipment testing, emissions equipment repairs, or emissions equipment testing and repairing. A separate state license is required for both.

## Note

Prerequisites for this certificate are 7 semester units from AUTO 130 and AUTO 136 courses including engine electrical systems.

## Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
AUTO 243	Automotive Advanced Computer Controls	5
AUTO 263	Emissions and Diagnostics Level 1	4
AUTO 264	Emissions and Diagnostics Level 2	2
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TOTAL		11

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.