



# Automotive Emissions Inspection and Repair Technician Certificate

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

Total Units: 37

Start Term: Fall

## First Year

### Semester 1 (Fall) 12 Units

CAT.	COURSE	TITLE	UNIT
RE	AT 100 <sup>1</sup>	Technical Basics for the Automotive Professional	3
Req	AT 105	Mathematics for Automotive Technology	3
Req	AT 180	Automotive Data Acquisition	3
Req	AT 314	Automotive Engine Repair	3

<sup>1</sup> or AT 103

### Semester 2 (Spring) 13 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 181	Electrical Fundamentals and Multimeter Basics	3
Req	AT 330	Automotive Electrical Systems	3
Req	AT 331	Advanced Automotive Electrical Systems	3
Req	AT 334	BAR Specified Diagnostic and Repair Training	4

## CAREER PATH

### Career Options:

This certificate prepares students for entry-level positions in the automotive industry as emissions inspectors or emissions repair technicians.

### Scheduling Notes:

- AT 330 is scheduled during the 1<sup>st</sup> 8 weeks and AT 331 during the 2<sup>nd</sup> 8 weeks in the spring, so they can be taken in the same semester in the spring.
- AT 333 is scheduled during the 1<sup>st</sup> 8 weeks and AT 332 during the 2<sup>nd</sup> 8 weeks in the fall, so they can be taken in the same semester in the fall.

## Second Year

### Semester 3 (Fall) 12 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 333	California State Smog Check Inspector Training	6
Req	AT 332	Engine Performance & Electronic Engine Controls	6

### Other Notes:

- This certificate meets the needs of students seeking to apply for a CA state smog inspector or repair license.

### EXPLANATION OF CATEGORIES

RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list
Req	Required Core	A course that is required for this program