



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: 2026-27

Total Units: 38

First Year

Semester 1

6 Units

CAT.	COURSE	UNIT	PREREQUISITES
RE	AT 100 Technical Basics for the Automotive Professional	3	
Req	AT 105 Mathematics for Automotive Technology	3	

¹ AT 314 is not part of this certificate, but AT 333 has a prerequisite of AT 314.

Semester 2

6 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	AT 180 Automotive Data Acquisition	3	
RC	AT 314 ¹ Automotive Engine Repair	3	

Second Year

Semester 3

5 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	AT 181 Electrical Fundamentals and Multimeter Basics	3	
Req	AT 188 Aftermarket Scan Tool Use and Operation	2	

Semester 4

5 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	AT 189 Digital Storage Oscilloscope Use and Operation	2	
Req	AT 330 Automotive Electrical Systems	3	

CAREER PATH

Career Options:

- Drivability Service Technician
- Smog Check Technician

Scheduling Notes:

- AT 332 is offered in the fall.
- AT 188 and 189 are offered occasionally. See the course schedule for their availability.

Other Notes:

- An internship (AT 298) is highly recommended as it opens up potential employment opportunities. Students can earn at least 1 unit for related paid or unpaid work experience including volunteer and internship positions through AT 298. See the [Work Experience website](#) for more information.

Third Year

Semester 5

9 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	AT 331 Advanced Automotive Electrical Systems	3	
Req	AT 333 California State Smog Check Inspector Training	6	AT 314

Semester 6

7 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	AT 332 Engine Performance & Electronic Engine Controls	6	AT 331 and 333
RE	AT 298 Work Experience in Automotive Technology	1	

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
RC	Recommended Course	A course that is not part of this program but is included in its roadmap