



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: 24

## First Year

### Semester 1

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 110	Automotive Brakes	3
Req	AT 180	Automotive Data Acquisition	3

<sup>1</sup> or AT 103

### Semester 2

10 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 145	Automotive Exhaust System	3
Req	AT 181	Electrical Fundamentals and Multimeter Basics	3
Req	AT 311	Suspension and Steering Systems	3
RE	AT 298	Work Experience in Automotive Technology	1

## CAREER PATH

### Career Options:

This certificate prepares students for entry-level careers in automotive suspension, brake and exhaust repair facilities.

### Scheduling Notes:

- AT 106 is only scheduled during the summer.

### 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.

## Second Year

### Semester 3 (Summer)

2 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 106	Automotive Shop Operations	2

### 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