



# Transmission Service Certificate

PART 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: 24

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 130	Manual Drive Trains and Axles	3
Req	AT 180	Automotive Data Acquisition	3

<sup>1</sup> or AT 103

### Semester 2 (Spring) 12 Units

CAT.	COURSE	TITLE	UNIT
Req	AT 140	Advanced Automotive Skill and Speed Development	3
Req	AT 181	Electrical Fundamentals and Multimeter Basics	3
Req	AT 313	Automatic Transmission and Transaxles	3
Req	AT 317	Advanced Drivetrain	3

#### 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

## CAREER PATH

### Career Options:

This certificate prepares students for entry-level positions in the automotive industry doing automatic transmission, clutch, and drive-train repair.

### Scheduling Notes:

- AT 313 is scheduled during the 2<sup>nd</sup> 5 weeks and AT 317 during the 3<sup>rd</sup> 5 weeks in the spring, so they can be taken in the same semester in the spring.

### Other Notes:

- This certificate includes Automotive Service Excellence (ASE) certification in Automatic Transmission (A-2) and Manual Drive Train (A-3).
- This program can be started in the spring as well. See a counselor to adjust the coursework.