



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 ¹	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

¹ 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 2nd 5 weeks and AT 317 during the 3^d 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.

Published April 13, 2024