



# Transmission Service 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:** 2026-27

**Total Units:** 24

**Start Term:** Fall

## First Year

### Semester 1 (Fall)

12 Units

| CAT. | COURSE   | UNIT | PREREQUISITES |
|------|--|------|---------------|
| RE   | AT 100<br>Technical Basics for the Automotive Professional | 3    |               |
| Req  | AT 105<br>Mathematics for Automotive Technology            | 3    |               |
| Req  | AT 130<br>Manual Drive Trains and Axles                    | 3    |               |
| Req  | AT 180<br>Automotive Data Acquisition                      | 3    |               |

### Semester 2 (Spring)

12 Units

| CAT. | COURSE  | UNIT | PREREQUISITES |
|------|---|------|---------------|
| Req  | AT 140<br>Advanced Automotive Skill and Speed Development | 3    |               |
| Req  | AT 181<br>Electrical Fundamentals and Multimeter Basics   | 3    |               |
| Req  | AT 313<br>Automatic Transmission and Transaxles           | 3    |               |
| Req  | AT 317<br>Advanced Drivetrain                             | 3    | AT 313        |

## 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 or to adjust the coursework.

### 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   |