



Pine Technical & Community College

# Automotive Technology

- Associate of Applied Science
- Diploma • Certificate

This sequence of programs, from certificate to diploma to the AAS degree, prepares you with the technical knowledge and skills to repair, service, and maintain all types of automobiles. The program includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drivetrains, alternative fuels, and heating and air conditioning systems. In a highly-equipped, state-of-the-art lab/shop environment, delivered in a mix of hands-on training and theory, students learn the following skills: inspection, diagnosis and installation, troubleshooting, engine performance, use of high-tech diagnostic equipment, electrical components/fundamentals, engine installation, maintenance, customer service skills, computer database technical reference systems, and shop safety.

COLLEGE CATALOG 2025-26

## Recommended Course Sequence for Completion in 2 Years

### Fall Semester 1

ATMP 1209 Vehicle Service .....	3
ATMP 1289 Scan Tools .....	3
ATMP 1265 Chassis (needs to occur in last semester).....	6
ATMP 1207 Basic Electricity.....	3
<b>Total Credits</b> .....	<b>15</b>

### Spring Semester 1

ATMP 1230 Engines .....	6
ATMP 1219 Brakes.....	3
ATMP 1223 Engine Electrical and Accessories.....	6
ATMP 1261 Alternative Fuels .....	1
<b>Total Credits</b> .....	<b>16</b>

**Automotive Technology Certificate Earned!**

### Summer Semester 1

General Education Electives .....	2
MnTC Goal Area #1.....	4
<b>Total Credits</b> .....	<b>6</b>

### Fall Semester 2

ATMP 1275 Electrical Diagnosis.....	3
ATMP 1243 Drivetrain .....	3
ATMP 1248 Automatic Transmission .....	6
General Education Elective.....	3
MnTC Goal Area 6.....	3
<b>Total Credits</b> .....	<b>18</b>

### Spring Semester 2

ATMP 1255 Fuel Systems.....	6
ATMP 1281 General Shop.....	4
ATMP 1222 Air Conditioning and Heating .....	3
MnTC Goal Area 4.....	3
<b>Total Credits</b> .....	<b>16</b>

**TOTAL DEGREE CREDITS** ..... **71**

**Automotive Technology Diploma and AAS Earned!**

## Career Outlook

The job market for automotive technicians is growing, and many job openings will be created by the need to replace retiring technicians. As a graduate of the PTCC Automotive Technology program, you will learn the skills to place you in a competitive position to take advantage of this growth and opportunity. Most new job openings will be available in automobile dealerships and independent repair shops. While some employers report difficulty finding workers with the right skills, PTCC graduates have the right mix of automotive diagnostic and problem-solving abilities, electronics training, computer knowledge and communication skills.

[pine.edu/apply](http://pine.edu/apply)

320.629.5100 • 800.521.7463



# Pine Technical & Community College

## Get the Credit You Deserve!

### What is Credit for Prior Learning (CPL)?

Pine Technical & Community College (PTCC) values learning that happens outside of the classroom. Many students enrolling at PTCC bring with them a wealth of knowledge and real-world experiences that can be turned into college credit.

### Ways students can gain Credit for Prior Learning:

- Job skills and work experience
- Employer training programs
- Volunteer or community services
- Self-study
- Military education and occupations
- Industry certifications
- High school articulate college credit
- Standardized exams

### Earning Credit for Prior Learning is Easy

1. Visit the CPL website at [mycpl.minnstate.edu](http://mycpl.minnstate.edu) to see a full list of eligible courses, requirements, and assessment methods to determine if CPL is right for you.
2. Reach out to [records@pine.edu](mailto:records@pine.edu) to discuss CPL opportunities, payment (if required), and assessment information.

## New to PTCC? Visit Campus!

- Take a campus tour
- Learn about scholarships
- Meet the admissions team
- Tour housing and The REC

### Book an appointment to explore PTCC!

Sign up to visit in person, or virtually, to learn more about PTCC programs, admissions requirements, housing options, and more.



[pine.edu/visit](http://pine.edu/visit)