



AUTOMOTIVE TECHNOLOGY

Prepare for a dynamic career in today's automotive industry. PTCC's Automotive Technology AAS program combines classroom instruction with extensive hands-on training in a state-of-the-art lab environment. Students develop expertise in diagnostics, engine performance, brake systems, electrical systems, transmissions, and emerging vehicle technologies. Graduates are equipped with the technical knowledge, professionalism, and customer service skills needed for success as Automotive Service Technicians.



COLLEGE CATALOG 2026-27



27 Credits
Earns a Certificate



56 Credits
Earns a Diploma



71 Credits
Earns an AAS



\$257 per Credit
on Average



18:1 Student/Instructor
Ratio on Average

Program Delivery Mode: On-Campus

Automotive Technology Certificate

(27 credits)

Technical Education Courses

ATMP 1207 Basic Electricity	3
ATMP 1209 Vehicle Service	3
ATMP 1219 Brakes	3
ATMP 1223 Engine Electrical & Accessories	6
ATMP 1230 Engines	6
ATMP 1265 Chassis	6
Total Credits	27

Automotive Technology Diploma

(29 additional credits)

Technical Education Courses

ATMP 1222 Air Conditioning & Heating Systems	3
ATMP 1243 Drivetrain	3
ATMP 1248 Automatic Transmissions	6
ATMP 1255 Fuel Systems	6
ATMP 1261 Alternative Fuels	1
ATMP 1275 Wiring & Electrical Diagnosis	3
ATMP 1281 General Shop	4
ATMP 1289 Scan Tools	3
Total Credits	56

Automotive Technology AAS

(15 additional credits)

General Education Courses

General Education MnTC Goal Area 1 - Communication (min. of 1 course)	3-4
General Education MnTC Goal Area 4 - Math/Logical Reasoning (min. of 1 course)	3
General Education MnTC Goal Area 6 - Humanities & Fine Arts (min. of 1 course)	3
General Education MnTC Goal Area of Choice	5-6
Total Credits	71

Recommended Course Sequence for Completion in 2 Years

First Fall

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

First Spring

ATMP 1230 Engines	6
ATMP 1219 Brakes.....	3
ATMP 1223 Engine Electrical & Accessories.....	6
ATMP 1261 Alternative Fuels	1
Total Credits	16

Automotive Technology Certificate Earned!

First Summer

General Education Electives	2
MnTC Goal Area 1.....	4
Total Credits	6

Second Fall

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

Second Spring

ATMP 1255 Fuel Systems.....	6
ATMP 1281 General Shop.....	4
ATMP 1222 Air Conditioning & Heating	3
MnTC Goal Area 4.....	3
Total Credits	16

TOTAL DEGREE CREDITS **71**

Automotive Technology AAS Earned!

Career Outlook

Possible Job Titles

- Industrial Maintenance Technician
- Automation Technician
- Industrial Machinery Mechanic



20.5%

MN Projected
Growth % (2022-2032)



\$69,700

MN Median Annual
Wage (\$) (approx.)

*Data from ONET & MN DEED

Get the Credit You Deserve!

What is Credit for Prior Learning (CPL)?

PTCC awards college credit for knowledge gained outside the classroom, including work and life experience.

You may qualify through:

- Job skills/work experience
- Employer training
- Military education
- Industry certifications
- Volunteer service
- Self-study
- High school articulated credit
- Standardized exams

Getting Started is Easy:

- Visit mycpl.minnstate.edu to view eligible courses and requirements.
- Contact records@pine.edu for guidance on options, assessments, and any applicable fees.

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.

www.pine.edu/visit



Apply Today!

www.pine.edu/apply

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