

# AUTOMOTIVE TECHNOLOGY

**Program Number:** 10-602-3

Associate of Applied Science Degree

**Campus:** Fond du Lac

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

Experience top-notch training through the two-year Automotive Technology program at Moraine Park Technical College where you'll earn the qualifications needed to become a skilled professional in the automotive tech industry.

## About the Program

With the increasingly complex automotive engineering technology, qualified automotive technicians are in high demand. Moraine Park's Automotive Technology program provides the expert training and environment needed to become a certified professional who knows how to diagnose, maintain and repair vehicles in today's auto industry. If you have a love for cars or are looking for a fun, exciting career, apply today to start preparing for ASE certification testing and become a skilled automotive tech.

## What You'll Learn

Students learn to diagnose, service and repair vehicles through hands-on training from experienced professionals. Graduates repair all eight major systems of the automobile through advanced auto technology which includes engine mechanical, engine performance, automatic transmission/transaxle, manual drive train, brakes, steering and suspension, climate control, and electrical and electronic systems.

## Transfer Opportunities

Earn credits at MPTC and transfer to a four-year college to earn your bachelor's degree.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/academics/transfer-information/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

## Additional Program Requirements

Students must wear a Moraine Park approved program uniform.

## Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

## Credit for Prior Learning

Earn college credit outside the classroom through Moraine Park's Credit for Prior Learning (CPL) opportunities. Credit opportunities are available for:

- Previous college coursework from prior institutions
- Military training and experience
- Passing of MPTC or national exams
- Skills or knowledge developed on the job or through other life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/transfer-information/credit-for-prior-learning/>) page for more information.

## Approximate Costs

### Tuition

#### Occupational

- \$146.20 per credit (resident)
- \$219.30 per credit (out-of-state resident)

#### Associate of Arts/Associate of Science

- \$188.90 per credit (resident)
- \$283.35 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

### Student Fees

- \$4.50 minimum per course Material Fee
- \$12.50 per-credit Supplemental Fee for Undergraduate courses
- \$10 minimum per credit Online Course Fee (Fee suspended for 2023-2024)
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) for additional enrollment fee information.

## Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received. Visit the Financial Aid (<https://www.morainepark.edu/pay-for-college/financial-aid/>) page to learn more.

## Course Requirements

Course	Title	Credits
<b>Semester 1</b>		
103-159	Computer Literacy - Microsoft Office	1
602-104	Brake Systems	3
602-107	Auto Service Fundamentals	2
602-124	Steering and Suspension Systems	3
602-125	Electrical and Electronic Systems 1	2
801-136	English Composition 1	3
890-101	College 101	2
<b>Credits</b>		<b>16</b>
<b>Semester 2</b>		
602-103	Engine Repair 1	2
602-127	Electrical and Electronic Systems 2	3
602-128	Electrical and Electronic Systems 3	3
602-197	Engine Performance 1	3
804-107	College Mathematics	3
Natural Science Course ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/natural-science/">https://catalog.morainepark.edu/academic-programming/general-education/natural-science/</a> )		3
<b>Credits</b>		<b>17</b>
<b>Semester 3</b>		
602-123	Engine Repair 2	3

602-196	Climate Control Systems	3
602-198	Engine Performance 2	4
809-195	Economics	3
Communication Course ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/communications/">https://catalog.morainepark.edu/academic-programming/general-education/communications/</a> )		3
<b>Credits</b>		<b>16</b>
<b>Semester 4</b>		
602-109	Auto Transmission/Transaxle	4
602-132 or 602-137	Light Duty Diesel Engine Operation or Hybrid and Electric Vehicle Systems 1	2
602-149	Manual Drive Train and Axles	4
602-195	Advanced Chassis Systems	2
809-199	Psychology of Human Relations	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>64</b>

## Program Outcomes

- Demonstrate professionalism appropriate for the auto service industry
- Perform diagnosis, service, and repair of automotive internal combustion engines
- Perform diagnosis, service, and repair of automotive automatic transmission/transaxle systems
- Perform diagnosis, service, and repair of automotive manual drive train and axles system
- Perform diagnosis, service, and repair of automotive steering and suspension system
- Perform diagnosis, service, and repair of automotive brake systems
- Perform diagnosis, service, and repair of automotive electrical and electronic systems
- Perform diagnosis, service, and repair of automotive heating and air conditioning systems
- Perform diagnosis, service, and repair of automotive engine performance systems

## Pathways

- Automotive Technology Associate Degree (p. 1)
  - Auto Maintenance Technician Technical Diploma (<https://catalog.morainepark.edu/programs/auto-maintenance-technician/>)

Earn a technical diploma and associate degree along this pathway. Start with some courses for entry-level employment, and continue with additional courses for higher wages and job advancement.

## Career Opportunities

- Automotive Technician
- Automotive Specialist
- Fleet Maintenance Technician
- Parts Specialist
- Service Writer/Consultant

## Statewide Median Salary for Recent Graduates

\$42,000