

AUTOMOTIVE TECHNOLOGY

Program Number: 10-602-3

Associate of Applied Science Degree

Campus: Fond du Lac, Both afternoon and evening programs are available.

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 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 Opportunities (<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. Tool kit recommended for purchase for this program.

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

- \$141.00 per credit (resident)
- \$211.50 per credit (out-of-state resident)
- Online students are not charged out-of-state fees.
- Please refer to the MPTC Student Handbook (<http://www.morainepark.edu/studenthandbook/>) for additional enrollment fee information.

Financial Aid

Financial Aid is provided to aid eligible associate degree and technical diploma programs with 28 credits or more. Processing can take 6-8 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
Semester 1		
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
Credits		16
Semester 2		
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 (https://catalog.morainepark.edu/academic-programming/general-education/natural-science/)		3
Credits		17
Semester 3		
602-123	Engine Repair 2	3
602-196	Climate Control Systems	3
602-198	Engine Performance 2	4
809-195	Economics	3
Communication Course (https://catalog.morainepark.edu/academic-programming/general-education/communications/)		3
Credits		16
Semester 4		
602-109	Auto Transmission/Transaxle	4
602-132 or 602-137	Light Duty Diesel Engine Operation or Hybrid and Electric Vehicle Systems	2
602-149	Manual Drive Train and Axles	4
602-195	Advanced Chassis Systems	2

809-199	Psychology of Human Relations	3
	Credits	15
	Total Credits	64

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 systems.
- Perform diagnosis, service and repair of automotive steering and suspension systems.
- Perform diagnosis, service and repair of automotive brake systems.
- Perform diagnosis, service and repair of automotive electrical/electronic systems.
- Acquire certification for Federal EPA and State of Wisconsin in mobile refrigerant recovery and recycling.
- Perform diagnosis, service and repair of automotive heating and air conditioning systems.
- Perform diagnosis, service and repair of automotive engine performance systems.
- Prepare for ASE certification testing.

Pathways

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

Statewide Median Salary for Recent Graduates

\$33,797