

AUTOMOTIVE TECHNOLOGY

Career and Technical Education Program at Milton Hershey School

Students in the Automotive Technology CTE program area don't just learn how to fix cars—they learn how to build careers that keep the world moving. This immersive, skill-based instruction builds the essential trade proficiencies needed to service and maintain vehicles, while opening doors to a wide range of high-demand industries.

Inside our fully outfitted automotive lab, students step into a space that mirrors a real-world shop floor and fuels authentic learning. Here, they master fundamentals such as changing brakes, assembling engines, troubleshooting electrical systems, and welding with confidence.

Through hands-on learning, internships, and co-ops, students cultivate the technical expertise and work ethic needed to succeed in careers like automotive repair, mechanical engineering, welding, and manufacturing.

During freshman year, they learn the basics of Automotive Technology, familiarizing them with the tools necessary for success in this CTE program area. Sophomore year, they take a closer look at the anatomy of a car and learn how to service vehicles. During their junior year, students are engaged in activities such as disassembling and restoring engines. With this robust experience gained throughout their high school years, students are prepared for whatever step they take in pursuit of this career field post graduation.

Industry-recognized certifications earned at MHS are proof of potential. As demand for skilled auto technicians and related professionals continue to rise, these credentials show employers that our students are not only prepared to meet industry standards, but are positioned to excel. With the experience gained through this CTE program area, students can launch high-impact careers as soon as they receive their high school diplomas.



“I am participating in a co-op with a local Ford dealership. There, I am learning the complete ins and outs of the work and sales side. Understanding how much mechanics and senior technicians get paid in labor, it's definitely a field I want to get involved with.”

— Braydon Friel-Lester
MHS Student



AUTOMOTIVE TECHNOLOGY EXAMPLE CAREER PATHWAY

- Automotive Technology

STUDENT ORGANIZATION

- Technology Student Association



Scan the QR code
to learn more or visit
mhskids.org/CTE.



CORE SKILLS

- Complex Problem Solving
- Data Analysis
- Evaluating Information to Determine Compliance with Standards
- Assembling and Installing Systems

COLLEGE PARTNERSHIP

- Northampton Community College

FUTURE CAREER OPTIONS

- **High School Diploma:**
 - Mechanic
 - Tire and Lube Technician
 - Auto Body/Collision Repair Technician
- **2-Year Degree:**
 - Advanced Automotive Service Technician
 - Fleet Maintenance Technician
 - Service Manager/Shop Supervisor
- **4-Year Degree:**
 - Automotive Engineer
 - Manufacturing Engineer
 - Quality Assurance Engineer
 - Motorsports Engineer

AUTHENTIC WORK EXPERIENCES

- **Internships:**
 - MHS Vehicle Equipment Maintenance Department (VEM)
 - HE&R
- **Co-operative Education:**
 - MHS VEM Department
 - HE&R
 - Maguires Ford of Hershey



3 Industry-Recognized
Certifications



mhskids.org

Sources: O*Net, Bureau of Labor Statistics Occupational Outlook Handbook