



AUTOMOTIVE TECHNOLOGY

WHITEWATER CAREER CENTER



OVERVIEW

Automotive Technology is a hands-on program. If you are mechanically inclined and enjoy fixing and maintaining vehicles and learning how they work, then you should consider this program.



YOU WILL LEARN

- Vehicle maintenance and light repair
- Multiple mechanical systems
- Electrical systems and engine performance
- Customer problem solving



A TYPICAL STUDENT

The typical student is one that enjoys hands-on learning. Successful students have the patience and attention to detail to solve problems using the skills they have learned. They can work on projects independently or with other students. They take initiative, check their work as needed, and stay on task without constant supervision. Safety is a primary focus, and students must follow the guidelines to keep themselves and others safe.



GET YOURSELF READY

To be prepared, be on track for graduation and do well in academic classes. Employment and admission to specialty training programs can be competitive. To increase your chances, do your best in all high school courses. The following courses will help prepare you for the Automotive Technology career program, further education and training, and a career in the automotive industry:

- Algebra I
- Geometry
- Introduction to Transportation
- Technology courses





POTENTIAL CAREERS

- Automotive Service Technician and Mechanic
\$37,120
- Small Engine Mechanic
\$34,130

All career and salary information is cited from the Bureau of Labor Statistics.



YEAR ONE

Students in Automotive Technology I learn to maintain and repair all types of vehicles. Students learn about basic automotive service, braking systems, electrical systems, automatic transmissions and transaxles, and manual drivetrains and axles. Mathematical skills are reinforced through precision measuring activities and cost estimation/calculation activities. Written and oral skills are also emphasized to help students communicate with customers, students, and teachers. This program is NATEF (National Automotive Technicians Education Foundation) certified at the vehicle maintenance and light repair level.

Ivy Tech Dual College Credits

AUTI 100	Basic Automotive Service	3 credits
AUTI 141	Engine Fundamentals & Repair	3 credits



YEAR TWO

Automotive Technology II focuses on steering and suspension, engine repair and performance, and heating and air conditioning. Scientific principles taught and reinforced include the study of viscosity, friction, thermal expansion, and compound solutions. Written and oral skills are also emphasized to help students communicate with customers, students, and teachers. This program is NATEF (National Automotive Technicians Education Foundation) certified at the vehicle maintenance and light repair level.

Industry Certifications

ASE (Automotive Service Excellence)

Ivy Tech Dual College Credits

AUTI 111	Electrical Systems I	3 credits
AUTI 121	Brake Systems	3 credits
AUTI 122	Steering & Suspension Systems	3 credits



Year one and year two are taught in alternating years.



WHEN YOU FINISH

Upon completion of this program, you are prepared for entry-level employment in the automotive service industry. You may also continue your education in 2 and 4-year postsecondary degree programs or enter the military.



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