www.WhitewaterCareerCenter.org

AUTOMOTIVE TECHNOLOGY

WHITEWATER CAREER CENTER

PROGRAM OVERVIEW

Students in Automotive Technology gain the skills to maintain and repair a wide range of vehicles. Over the course of two years, they study essential areas such as basic automotive service, brake systems, electrical systems, transmissions, drivetrains, steering and suspension, engine repair and performance, and heating and air conditioning.

The program operates like a real automotive service department, giving students hands-on experience completing work orders and communicating directly with customers. Automotive Technology at WCC is certified by the National Automotive Technicians Education Foundation (NATEF) at the Vehicle Maintenance and Light Repair level, ensuring students are prepared for both entry-level employment and advanced training opportunities.



YOU WILL LEARN

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



MEET AIDAN

FUTURE MECHANIC.

Connersville High School and Automotive Technology student at Whitewater Career Center

AUTOMOTIVE TECHNOLOGY

CERTIFICATION & DUAL CREDITS

Industry Certifications
ASE (Automotive Service Excellence)
A 1- Engine Repair
A 2- Automatic Transmission & Transaxle
A 3- Manual Drive Train & Axles
A 4- Suspension and Steering
A 5- Brakes
A 6- Electrical/Electronic Systems
A 7- Heating & Air Conditioning
A 8- Engine Performance
G1 - Maintenance and Light Repair

Certifications are earned in year two. Dual credits are earned in years one and two.

Ivy Tech Dual College Credits

AUTI 100	Basic Automotive Service	3 credits
AUTI 141	Engine Fundamentals & Repair	3 credits
AUTI 111	Electrical Systems I	3 credits
AUTI 121	Brake Systems	3 credits
AUTI 122	Steering & Suspension Systems	3 credits
AUTI 145	Driveline Service	3 credits

*Certifications and dual credit courses offered are subject to change.

NEXT CAREER STEPS

Students who complete the Ivy Tech Certificate in Maintenance & Light Repair are eligible to walk in Ivy Tech Richmond's Commencement ceremony. From there, they may continue their education by pursuing a Technical Certificate in Automotive Service Technology or an Associate of Applied Science in Automotive Technology. Graduates also have multiple other pathways available, including entering full-time employment, joining the military, or continuing their training on the job and in college.



POTENTIAL CAREERS

- Supervisor of Mechanics, Installers, & Mechanics
- Automotive Service Technician & Mechanic
- Electrical & Electronics Installer & Repairer
- Tire Repairer & Changer

COURSE INFORMATION

Cluster: Transportation, Distribution & Logistics Pathway: Automotive Services

AUTOMOTIVE TECHNOLOGY YEAR I

DOE Course Codes:

7213	Principles of Automotive Services	1 credit per semester
7205	Brake Systems	1 credit per semester
7212	Steering and Suspensions	1 credit per semester

Co-requisites: Courses must be taken concurrently
Recommended Grade Levels: 11, 12

AUTOMOTIVE TECHNOLOGY YEAR II

DOE Course Codes:

7375	Automotive Service Capstone	3 credits per semester

Prerequisite: Year I
Recommended Grade Level: 12

Centerville | Connersville | Franklin County
Lincoln | Rushville | Union County

WHITEWATER CAREER CENTER

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