

GENERAL AUTOMOTIVE TECHNOLOGIES PATHWAY



PATHWAY OVERVIEW

The General Automotive Technologies pathway helps students build knowledge and hands-on skills in transportation systems, logistics, maintenance, and operational safety.

Through Automotive Technologies 1, Automotive Technologies 2, and Automotive Technologies 3, students prepare for postsecondary education, industry credentials, and work-based learning experiences connected to the field.



CAREER CLUSTER

Supply Chain & Transportation

COURSE SEQUENCE + WORK-BASED LEARNING

1

Automotive Technologies 1

Introduces shop safety, tools, vehicle maintenance, inspections, and fundamental automotive systems and service procedures.



2

Automotive Technologies 2

Develops hands-on skills in major vehicle systems, including brakes, steering, suspension, electrical systems, and engine performance.



3

Automotive Technologies 3

Applies advanced diagnostic, troubleshooting, and repair skills using industry equipment, service information, and real-world automotive procedures.



Work-Based Learning (Capstone Experience)

Gain hands-on experience with transportation, logistics, aviation, automotive, and maintenance partners through internships and supervised workplace learning.

LEADERSHIP + INDUSTRY CONNECTIONS

CAREER & TECHNICAL STUDENT ORGANIZATION



COMPETITION OPPORTUNITIES

- Job Interview
- Related Technical Math
- Aviation, automotive, diesel, or logistics technical contests



CHAPTER ACTIVITIES

- Transportation safety lab
- Logistics simulation
- Maintenance project
- Leadership conferences
- Technical competition
- Service projects



CO-CURRICULAR / INDUSTRY EXPERIENCES

- OSHA-10/NCCER
- ASE Entry-Level Certification
- Industry certifications
- Local industry visits

POSTSECONDARY OPPORTUNITIES



LOCAL / REGIONAL INSTITUTIONS

- Atlanta Technical College
- Georgia Piedmont Technical College
- Chattahoochee Technical College
- Gwinnett Technical College

DUAL ENROLLMENT

Metro-area dual enrollment options may include automotive or diesel technology, aviation, avionics, logistics, distribution, supply chain management, or unmanned aircraft systems; verify through Georgia Futures.



SCHOOLS OFFERING THIS PATHWAY

Langston Hughes

CAREER OPPORTUNITIES

CAREERS

Service Advisor

Automotive Service Technician

Diagnostic Technician

ATLANTA-AREA EMPLOYERS



Mercedes-Benz

