



automotive technology

Automotive Technology, an ASE and NATEF certified program, includes diagnosing, adjusting, repairing and replacing mechanical and electrical parts of an automobile. Suggested prerequisite - computer literacy.

Employment Opportunities:

- *Automotive technician in a dealership or garage*
- *Automotive electrical specialist*
- *Diagnostician in a diagnostic center*
- *Estimator*
- *Technician in fuel systems, brakes, tune-ups, exhaust systems or front ends*

Students have the opportunity to earn college credits in this program.

Technical Core Curriculum:

- *Testing and diagnostic checks of automotive computer and electrical systems*
- *Repair standards and power brake systems*
- *Front wheel and four wheel alignment*
- *Repair engines*
- *Steering and suspension systems repair*
- *Perform preventive maintenance*
- *Engine construction, operation, and repair*
- *Electrical systems operation and repair*
- *Fuel systems operation and repair*
- *Cooling systems operation and repair*
- *Steering and suspension systems operation and repair*
- *Brake operation and repair*
- *Wheel alignment and balancing*
- *Testing equipment operation*
- *Emissions control systems operation and repair*
- *Diagnostic equipment operation*
- *Business operating techniques and procedures*
- *Research and use of service data from computer terminal*
- *ASE and NATEF certified*
- *SkillsUSA*