



# AUTOMOTIVE TECHNOLOGY

The Medina County Career Center's ASE and NATEF certified Automotive Technology program teaches students how to diagnose, adjust, repair and replace mechanical and electrical parts of an automobile. Students gain hands-on experience with brake systems, alignments, engines and more to become an entry level technician.

## Curriculum

- Testing and diagnostic checks of automotive computer and electrical systems
- Repair standard and power brake systems
- Front and four wheel alignment
- Repair engines
- Perform preventative maintenance
- Engine construction, operation and repair
- Electrical systems operations and repair
- Fuel system operation and repair
- Cooling systems operation and repair
- Steering and suspension systems operation and repair
- Brake operation and repair
- Emissions control systems and operation repair
- Diagnostic equipment operation
- Business operating techniques and procedures
- Research and use of data service data from computer terminal

## Certification\*

- CPR/First Aid
- OSHA 10-Hour General Industry (Automotive)
- ASE Student Certification - Entry Level

*\*Students who meet certification criteria will have the opportunity to test in their CT program.*

## Some Employment Opportunities

- Automotive technician
- Automotive electrical specialist
- Diagnostician
- Estimator
- Internship
- Technician in fuel systems, brakes, tune-ups, exhaust systems or front ends

## Facilities and Equipment

Students learn in our newly renovated classroom. Some equipment includes:

- Pro-Cut USA on-car brake lathe
- Hunter HawkEye Elite® wheel alignment machine
- Hunter's TC3700 tire changer
- Hunter GSP 9700 ROAD FORCE® elite diagnostic wheel balancer
- OTC Encore professional diagnostic tool
- Midtronics MDX P300 conductance battery and electrical system analyzers
- Fluke 87 DVOM
- Snap on VERUS® Edge diagnostic and information system



Visit [mcjvs.edu](http://mcjvs.edu) for more information about our Automotive Technology program.

