



The 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:

- Brake operation and repair
- Business operating techniques and procedures
- Cooling systems operation and repair
- Diagnostic equipment operation
- Electrical systems operation and repair
- Emissions control systems operation and repair
- Engine construction, operation and repair
- Front and four wheel alignment
- Fuel systems operation and repair

### Curriculum (cont'd):

- Perform preventive maintenance
- Repair engines
- Repair standard and power brake systems
- Research and use of service data from computer terminal
- Steering and suspension systems operation and repair
- Testing and diagnostic checks of automotive computer and electrical systems



*Students have the opportunity to earn industry credentials and college credits.*

### Certifications:

- ASE Student Certification - Entry Level
- CPR / First Aid
- OSHA 10-Hour: Automotive

### Opportunities:

- Automotive Electrical Specialist
- Automotive Technician
- Diagnostician, Estimator, Internship
- Technician in fuel systems, brakes, tune-ups, exhaust systems and/or front ends



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

