

Automotive Technology

Instructor Jeff Keen

Automotive



At



Technology

Courses Offered at CCHS

- Transportation Core
- Automotive Electronics
- Automotive Brake Systems
- Suspension and Steering Systems
- Automotive Engine Performance

All Automotive Classes

- Cultivate positive leadership skills
- Explore career opportunities
- Demonstrate science, math and communication skills used in the industry
- Shop safety practices
- Tool and equipment operation
- Industry certification requirements

Transportation Core

- Explore transportation industry
- Explore interpersonal and employability skills
- Examine the basic functions of engine components
- Examine basic functions of the engine lubricating and cooling systems

Automotive Electronics

- Examine basic electrical theories and circuitry
- Test, diagnose, service and repair general electrical, battery, lighting, accessory, charging and starting systems



Automotive Brake Systems

- Examine the automotive hydraulic brake system
- Test, diagnose, service and repair drum brake, disc brake, power assist, and anti-lock brake systems



Automotive Suspension and Steering Systems

- Examine general suspension and steering systems
- Test, diagnose, service and repair automotive suspension and steering systems, wheel alignment, and tires



Automotive Engine Performance

- Examine piston engine operation
- Test diagnose and service computerized engine controls, emission, ignition, fuel, air induction and exhaust systems

