

# Automotive Technology II

## Syllabus

Teacher: Joseph Brower  
Room Location: CTC 129  
Course Length: 2 Semesters  
2 Blocks

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Fees: \$65.00

### Course Description:

Advance skills in Auto Technology are studied including; Electrical, Fuel Injection, Steering and Suspension, Computer and Engine Testing, Automatic Transmission and Drive Systems, Four Wheel Alignment, and Air Conditioning Systems. Students who qualify may participate in a school-to-work option, which releases the student to work with an area business during the second term. All students are required to belong to a career-tech student organization and pay yearly dues.

### Textbook:

LJ Create online interactive curriculum

### Materials Needed:

- Work Clothes (Provided with Lab Fees)
- Safety Glasses (Provided with Lab Fees)
- Work Shoes/Boots Required (non-slip)
- Notebook/Locker Pad Lock

### Grading Policy:

- Daily Participation and Uniforms Required
- All Assessments will be awarded points
- Students can earn 200+ points per week
- LJCreate Learning Modules 100 point scale
- Test/Quiz 100 point scale
- Lab Tasks/Projects 100 point scale
- Senior Project 1000 points (4<sup>th</sup> Quarter)

### Absent Work/Late Work Policy:

Students will be allowed to make up work missed for excused absences. For each day that an assignment is late, 10 points will be deducted.

## Course Calendar:

August	Lab Orientation Safety Testing
September	Customer Service/ Employability Map Inspections/ System Inspection Shop Key/Identifix Parts and Labor Automotive Business/ Employability
October	Brake System Review Steering/Suspension Review Alignment Review ASE Testing/Brakes/S&S
November	Electrical/Electronics Electrical/Electronics Electrical/Electronics Electrical Diagnostics
December	Electrical Diagnostics Electrical Project ASE Testing Electrical
January	ASE Testing Electrical Semester Review WebXam Semester Exam Engine Performance Engine Performance
February	Engine Performance Engine Performance Diagnostics/Drivability Diagnostics/Drivability
March	ASE Testing Engine Performance Employability/Resume Senior Project Senior Project
April	Engine/Powertrain Engine/Powertrain Engine/Powertrain
May	Engine Engine Powertrain ASE Testing/WebXam Shop Stewardship

Course Calendar is subject to change....