

Automotive Maintenance

Syllabus

Teacher: Joseph Brower

Room Location: CTC 127/129

Course Length: 2 Semesters / 1 Period

Phone: 419-473-8305

Email: jobrower@wls4kids.org

Fees: \$30.00

Course Description:

Class lecture and assignments, along with hands on experience in the lab provides students with basic automotive maintenance and employability skills. The following areas are covered in this course: Auto Detail, Tire Service, Lubrication/Maintenance, Brakes Service, Steering/Suspension Systems, and Basic Engine Theory and Operation.

Textbook:

LJCreate online interactive curriculum

Materials Needed:

- Work Shoes/ Boots (Will get dirty in shop)
- Work Clothes (Work Shirt Provided with Lab Fee)
- Safety Glasses (Provided with Lab Fees)

Grading Policy:

- All Assessments will be awarded points
- Students can earn 200+ points per week
- Daily Participation
- Test/Quizzes
- Classwork/Homework
- Lab Tasks/Projects

Absent Work/Late Work Policy:

Students will be allowed to make up work missed for excused absences. For each day that assignments are late, 10 points may be deducted. Certain lab activities may not be able to be made up, other activities may be required.

Course Calendar:

August	Lab Orientation Safety Testing
September	Tool Identification Proper Tool Usage Lifting Vehicles Safety Fasteners and Torque
October	Exterior Vehicle Maintenance Wash and Wax Vehicle Detail Professional Vehicle Detail
November	Under hood Maintenance/ Inspections L.O.F. Oil Change Cooling Systems Fluid Exchange/Maintenance
December	Tire Construction/ Wheel Construction Computerized Wheel Balance Professional Tire Service
January	Semester 1 Make up Time Semester 1 Exams Brake System Theory
February	Brake System Component Identification Brake System Service Brake Hydraulics Trac/Esc add on Systems
March	Steering and Suspension S/S Service and Repair Shocks and Struts Alignments
April	Engine Theory and Operation Engine Component Identification Engine Performance Theory Diagnostic Code Reading
May	Customer Service/ Employability Semester 2 Make up Time Review Vehicle Maintenance Semester 2 Exam Prep

Along with the above coursework, students will perform maintenance to personal vehicles or school supplied vehicles. The class will also perform maintenance and exterior vehicle service on many customer service vehicles. Course Calendar is subject to change....

