

## **Automotive Service 1:**

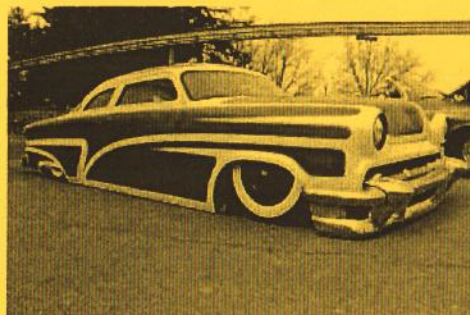
### **Units of Study**

- Automotive Shop Operations
- Engine Repair
- Transmissions
- Basic Electrical/Electronics
- Automotive Brakes

## **Automotive Service 2:**

### **Units of Study**

- Automotive Shop Operations Review
- Advanced Electrical/Electronics
- Engine Performance
- Advanced Engine Performance
- Suspension & Steering
- Automotive Heating & Air Conditioning



### **PRACTICAL SKILLS**

- Learn to use precision measuring instruments to the thousandths and ten thousandths of an inch, hand tools, specialty tools, and power tools of all kinds.
- Operation of basic lift equipment which will include floor jacks and stands, car lifts, secondary jacking.
- Specialty equipment like, brake lathes, porta-power, drilling, cutting, grinding, pullers, strut compression, and more.
- Diagnostics with digital volt ohm meters, scan tools, lab scopes, timing lights and other electronic/electrical test equipment.
- Online diagnostic website operation through Pro Demand including the ability to find precise information like torque specs, wire diagrams, fluid amounts, mechanical and electrical values, and labor estimation.
- Trouble shooting and diagnostic procedures for identifying the problem, making the repair, and verifying that its done correctly

## **Prerequisites**

- C or higher in English (the previous year)
- C or higher in Math (last course taken or the instructor can specify the math)
- Instructor Approval and TABE Reading Score (eighth grade or higher)

## **Credit**

- Students get 2 credits for each year of completion and can get 1 year of experience towards adult ASE certifications.

## **Student Organization**



To learn more about your student organization, you can go to the skills U.S.A. Mississippi website

<http://www.mde.k12.ms.us/OCTE/SO/skillsusa>

## **Certification**

ASE certification is a personal choice that you as an individual must make and is not provided by this or any other program.