AUTO 1

1. Safety
   a. Lifts, Jacks, Shop safety

2. SP2 Online Training

3. Tool Identification
   a. Tool usage and identification

4. Shop Operations
   a. What is parts, service, tool room
   b. Discuss how a shop is run labor and flat rate pay scale. Jobs placement and colleges available, internships.

5. Service Procedures
   a. Parts lookup
   b. Repair Lookup
   c. Invoicing and Repair order writing

6. Tires and the Tire Machines
   a. Tires
   b. How to mount/balance

7. Hardware and Thread Repair

8. Engine Lubrication
   a. Basic Tasks / topics covered (oil, oil changes)
9. DESIGN YOUR OWN SHOP MID-TERM / PERFORMANCE EXAMS

10. Brakes
   a. Basic Tasks / topics covered
      i. Drum /disc brake theory
      ii. Component I.D
      iii. Use of Brake Lathe (off car)
      iv. Micrometers

11. Steering and Suspension
   a. Basic Tasks and topics covered
      i. ID components

12. Basic Electrical
   a. OHMS Law
   b. What is an Amp, Volt, OHM.

13. Engines
   a. Component identification
   b. How do these parts come apart and go together
   c. Labs with engine disassembly

AUTO 2

1. Safety
   a. Shop Rules and procedures
   b. SP2 online certification

2. Shop Operations
   a. Advanced tasks on vehicle diagnostics and repair

3. Engines and Engine Performance
   a. Advanced engine components/tasks
      i. Cylinder leak down tests, compression tests, 4 strokes
      ii. Timing Belts
      iii. Valve Adjustments

4. Heating and Cooling Systems
a. Component ID
b. Pressure tests, coolant labs
c. Air Conditioning Theory and ID

5. Steering and Suspension
   a. Alignment procedures
   b. Wheel bearing
   c. Advanced Tasks and topics covered
      i. Strut removal, torsion bars

6. Transmissions
   a. Tasks related to manual / auto transmissions covered
      i. Check / Drain and fill

7. Brakes
   a. Advanced tasks and topics covered
      i. Disc/Drum Brake labs
      ii. ABS / Traction Control
      iii. On Car lathe

8. Electrical
   a. Scan tool usage and OBD II
   b. Multimeter usage and advanced testing procedures
      i. Labs on current, voltage, and short/open circuits
   c. Starting Systems
   d. Charging Systems
   e. Lighting Systems
      i. Headlight aimer
   f. Ignition Systems

9. Hybrid
   a. Hybrid Identifications and safety precautions

10. Prep for ASE Final Exam