

EMPLOYABILITY PROFILE

Automotive Technology

3589 Big Ridge Rd

Spencerport, NY 14559

Student:
Academic Year:
Home District:

- N** - Never
- R** - Rarely
- S** - Sometimes
- O** - Often
- N/A** - Not Applicable / No Exposure
- 1** - Unsatisfactory
- 2** - Needs Improvement
- 3** - Meets Expectations
- 4** - Exceeds Expectations

<u>Work Related Skills</u>	
Productivity and Accountability	_____
Follows procedures to meet expectations and deadlines	_____
Displays consistent work performance and quality of work	_____
Flexibility and Adaptability	_____
Works effectively in varied roles and responsibilities	_____
Responds well to and implements feedback	_____
Initiative and Self-Direction	_____
Identifies, prioritizes, and completes tasks without direct oversight	_____
Seeks to learn and develop new knowledge and skills	_____
Leadership and Responsibility	_____
Leverages strengths of others to accomplish a goal	_____
Takes ownership of one's work, performance, behavior, and actions	_____
Communication	_____
Articulates thoughts and ideas clearly and effectively through speaking and writing	_____
Practices active listening skills	_____
Collaboration	_____
Works effectively with others	_____
Open and responsive to new and diverse perspectives	_____
Critical Thinking and Problem Solving	_____
Asks questions to lead to better solutions	_____
Identifies possible options and their outcomes	_____

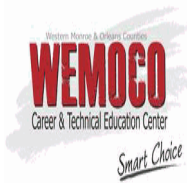
<u>Safety/OSHA 10</u>	
Show the use of personal protective equipment	_____
Locate & show material safety data sheets	_____
Implement safe operation of vehicles in the shop	_____
Examine fire hazards, fire extinguishers, and show fire extinguisher use	_____

<u>Engine Repair</u>	
Inspect engine for leaks	_____
Perform engine mechanical tests	_____
Inspect the exhaust system for leaks and damage	_____
Check and adjust valve lash	_____
Inspect and replace timing belt	_____

<u>Automatic Transmission/Transaxle</u>	
Check and adjust transmission fluid levels	_____
Inspect for fluid leaks	_____
Inspect and adjust transmission linkage	_____
Inspect powertrain mounts	_____

<u>Manual Drive Train & Axles</u>	
Bleed a hydraulic clutch system	_____
Inspect and service front wheel drive half shafts	_____
Inspect the differential and refill with the correct lubricant	_____
Check locking hub assemblies	_____

<u>Suspension & Steering</u>	
Perform mounting and balancing	_____
Rotate tires per the manufacturer's specification	_____
Check and adjust tire air pressure	_____
Service components of the tire pressure monitoring system	_____
Service wheel bearings	_____
Disable and enable the supplemental restraint system	_____
Remove and replace a driver's side air bag	_____
Inspect, remove and replace steering linkage components	_____
Determine proper power steering fluid type; inspect fluid level and condition	_____
Flush the power steering system	_____
Perform suspension system component inspections	_____
Diagnose suspension system concerns	_____
Service components of the suspension system	_____
Perform a prealignment inspection	_____



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<u>Brakes</u>	
Inspect and service brake lines, hoses, and fittings	_____
Flush and bleed the brake hydraulic system	_____
Remove, inspect, and install brake shoes and hardware	_____
Inspect and replace wheel cylinders	_____
Inspect and measure brake drums	_____
Set up, machine, a rotor and a drum on a brake lathe	_____
Inspect drum parking brake components and operation	_____
Remove, inspect, and replace a disc brake caliper, rotor, and pads	_____
Retract a rear caliper piston with an integrated rear disc parking brake caliper	_____
Service antilock brake system	_____

<u>Electrical/Electronic Systems</u>	
Perform voltage, amperage, and resistance tests	_____
Interpret and use wiring diagrams	_____
Diagnose circuit faults	_____
Test circuit protection devices	_____
Perform wiring repairs	_____
Test relay operation and relay circuits	_____
Perform a battery inspection	_____
Perform battery services	_____
Diagnose starting system concerns	_____
Test starter current draw and starting system voltage drops	_____
Remove and replace a starter motor	_____
Inspect the charging system	_____
Test generator output	_____
Perform charging system voltage drops	_____
Remove and replace a generator	_____
Inspect and service interior and exterior lighting components	_____
Remove and reinstall a door panel	_____

<u>Engine Performance</u>	
Replace fuel filter	_____
Remove and replace spark plugs	_____
Service components of the positive crankcase ventilation (PCV) system	_____
Retrieve OBD-11 diagnostic trouble codes	_____

<u>Welding</u>	
Adjust the pressures and light a torch in a safe manner	_____
Demonstrate proper torch manipulation in making a straight line cut	_____
Demonstrate proper torch manipulation in making a straight line cut using MIG, and TIG	_____

<u>Heating & Air Conditioning</u>	
Replace a cabin air filter	_____
Service, drain, flush, refill, and bleed cooling system	_____

Activity	Year	Notes
Certifications & WBL		