



Year 1	<u>1st Quarter</u> Shop Skills <ul style="list-style-type: none"> • Basic Shop Operations • Preventative Maintenance • Tires and Wheels 	<u>2nd Quarter</u> Engines <ul style="list-style-type: none"> • General Diagnosis • Cylinder Head • Engine Block • Lubrication 	<u>3rd Quarter</u> Engines <ul style="list-style-type: none"> • Cooling Systems • Induction/Exhaust • Fuel System • Engine Brakes 	<u>4th Quarter</u> Hydraulics <ul style="list-style-type: none"> • Operation • Pumps • Filtration • Hoses/Fittings • Control
Year 2	<u>1st Quarter</u> Brake Systems <ul style="list-style-type: none"> • Air Brakes • Hydraulic Brakes 	<u>2nd Quarter</u> Suspension Systems <ul style="list-style-type: none"> • Diagnosis/Repair • Alignment • Frame Service 	<u>3rd Quarter</u> Steering Systems <ul style="list-style-type: none"> • Steering Column • Steering Units • Steering Linkage 	<u>4th Quarter</u> Drive Train <ul style="list-style-type: none"> • Clutches • Transmissions • Drive Shaft • Drive Axle
Year 3	<u>1st Quarter</u> Electrical <ul style="list-style-type: none"> • General Diagnosis • Battery • Starting Systems • Charging Systems 	<u>2nd Quarter</u> Electrical <ul style="list-style-type: none"> • Lighting Systems • Gauges • Related Systems 	<u>3rd Quarter</u> Fuel Systems <ul style="list-style-type: none"> • Mechanical Injection • Electronic Injection • Computer Diagnostics • Drivability Concerns 	<u>4th Quarter</u> HVAC <ul style="list-style-type: none"> • System Diagnosis • Component Diagnosis • Operating Systems • Refrigerant Handling