



Year 1	<u>1<sup>st</sup> Quarter</u>  Shop Skills <ul style="list-style-type: none"> <li>• Safety</li> <li>• Tool Usage</li> <li>• Equipment Usage</li> <li>• Preventative Maintenance</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  Tires and Wheels <ul style="list-style-type: none"> <li>• Mounting &amp; Balancing</li> <li>• Sizing</li> <li>• Construction</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Electrical Systems <ul style="list-style-type: none"> <li>• Theory</li> <li>• Properties</li> <li>• Functions</li> </ul>	<u>4<sup>th</sup> Quarter</u>  Electrical Systems <ul style="list-style-type: none"> <li>• Batteries</li> <li>• Starting Systems</li> <li>• Charging Systems</li> <li>• Lighting Systems</li> <li>• Accessory Systems</li> </ul>
Year 2	<u>1<sup>st</sup> Quarter</u>  Brake Systems <ul style="list-style-type: none"> <li>• Drum</li> <li>• Disc</li> <li>• Inspection</li> <li>• Diagnosis</li> <li>• Anti-Lock Theory</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  Suspension Systems <ul style="list-style-type: none"> <li>• Design</li> <li>• Inspection</li> <li>• Removal &amp; Installation</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Steering Systems <ul style="list-style-type: none"> <li>• Design</li> <li>• Inspection</li> <li>• Removal &amp; Installation</li> <li>• Alignment</li> </ul>	<u>4<sup>th</sup> Quarter</u>  HVAC Systems <ul style="list-style-type: none"> <li>• Theory</li> <li>• System Identification</li> <li>• Diagnostics &amp; Service</li> </ul>
Year 3	<u>1<sup>st</sup> Quarter</u>  Automatic Transmissions & Transaxles <ul style="list-style-type: none"> <li>• Theory and Operation</li> <li>• Inspection</li> <li>• Removal &amp; Installation</li> </ul>	<u>2<sup>nd</sup> Quarter</u>  Manual Drive Train <ul style="list-style-type: none"> <li>• Theory</li> <li>• Inspection</li> <li>• Removal &amp; Installation</li> </ul>	<u>3<sup>rd</sup> Quarter</u>  Engine Performance <ul style="list-style-type: none"> <li>• Four Stroke Theory</li> <li>• Design &amp; Operation</li> <li>• Fuel Systems</li> </ul>	<u>4<sup>th</sup> Quarter</u>  Engine Performance <ul style="list-style-type: none"> <li>• Exhaust Systems</li> <li>• Emission Control Systems</li> </ul>