

## Week 16 Lesson Plan (Week ending 12/17/21)

Program: Automotive Technology .....200 Level ..... Teacher: Mr. Schwarz

**Implementing 21<sup>st</sup> Century Skills through: Critical and Creative Thinking, Communication and Collaboration**

Day	Content	Core Standard	Skills	Activities	Assessment
Mon	<b>Theory Lesson</b> Chapter 54- Engine Diagnosis and Service: Pistons, Rings, Rods, and Engine Balancing	CC.3.5.11-12A CC.3.5.11-12B CC.3.5.11-12D CC.3.5.11-12G CC.3.5.11-12I	AMT800 Working as a Group  Engine Fundamentals Expanded	<b>Objectives :</b>  ▪ Discuss how to find abnormal engine noises.  <b>Activity: Continue Engine Assembly.</b>	<b>Daily Skill Grade</b> <b>Daily Employability Grade</b> <b>Work Record Journal</b> Class Participation/ Discussion Work Skills & Attitude
Tue	<b>Theory Lesson</b> Chapter 54- Engine Diagnosis and Service: Pistons, Rings, Rods, and Engine Balancing	CC.3.5.11-12A CC.3.5.11-12B CC.3.5.11-12D CC.3.5.11-12G CC.3.5.11-12I	AMT800 Watch Video on Engine Rebuilding  .	<b>Objectives:</b>  • Explain why proper diagnosis methods are important to engine repair. • List common symptoms of engine mechanical problems.  <b>Activity: Continue Engine Assembly.</b>	<b>Daily Skill Grade</b> <b>Daily Employability Grade</b> <b>Work Record Journal</b> Class Participation/ Discussion Work Skills & Attitude Related Shop Activities
Wed	<b>Theory Lesson</b> Chapter 54- Engine Diagnosis and Service: Pistons, Rings, Rods, and Engine Balancing	CC.3.5.11-12A CC.3.5.11-12B CC.3.5.11-12D CC.3.5.11-12G CC.3.5.11-12I	AMT800 Engine Fundamentals Expanded	<b>Objectives</b>  ▪ Measure piston wear and piston-to-cylinder clearance. ▪ Explain how to assemble a rod and piston.  <b>Activity: Continue Engine Assembly.</b>	<b>Daily Skill Grade</b> <b>Daily Employability Grade</b> <b>Work Record Journal</b> Class Participation/ Discussion Work Skills & Attitude Related Shop Activities
Thurs	<b>Theory Lesson</b> Chapter 54- Engine Diagnosis and Service: Pistons, Rings, Rods, and Engine Balancing	CC.3.5.11-12A CC.3.5.11-12B CC.3.5.11-12D CC.3.5.11-12G CC.3.5.11-12I	AMT800 Working as a Group  Engine Fundamentals Expanded	<b>Objectives :</b>  ▪ Measure piston wear and piston-to-cylinder clearance. ▪ Explain how to assemble a rod and piston.	<b>Daily Skill Grade</b> <b>Daily Employability Grade</b> <b>Work Record Journal</b> Class Participation/ Discussion Work Skills & Attitude Related Shop Activities
Fri	<b>Theory Lesson</b> Chapter 54- Engine Diagnosis and Service: Pistons, Rings, Rods, and Engine Balancing	CC.3.5.11-12A CC.3.5.11-12B CC.3.5.11-12D CC.3.5.11-12G CC.3.5.11-12I	AMT800 Working as a Group  Engine Fundamentals Expanded	<b>Objectives :</b> • Correctly answer ASE certification test questions requiring knowledge of automotive engines.  <b>Homework Due:</b> Mindtap Chapter 54 Review and ASE Questions	<b>Daily Skill Grade</b> <b>Daily Employability Grade</b> <b>Work Record Journal</b> Class Participation/ Discussion Work Skills & Attitude Related Shop Activities