

Week 14 Lesson Plan (Week ending 12/03/21)

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

Implementing 21st Century Skills through: Critical and Creative Thinking, Communication and Collaboration

Day	Content	Core Standard	Skills	Activities	Assessment
Mon	<p>Theory Lesson</p> <p>Chapter 52: Engine Diagnosis and Services: Cylinder Head and Valve Train</p> <p>SUB</p>	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 Measurements	<p>Objectives :</p> <ul style="list-style-type: none"> ▪ Discuss how to find abnormal engine noises. ▪ Summarize procedures for gasoline and diesel engine compression testing. <p style="text-align: center;">Activity: Take Engine Measurements</p>	<p>Daily Skill Grade Daily Employability Grade Work Record Journal Class Participation/ Discussion Work Skills & Attitude Related Shop Activities</p>
Tue	<p>Theory Lesson</p> <p>Chapter 52: Engine Diagnosis and Services: Cylinder Head and Valve Train</p>	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 Measurements	<p>Objectives:</p> <ul style="list-style-type: none"> • Explain why proper diagnosis methods are important to engine repair. <p style="text-align: center;">Activity: Take top end measurements</p>	<p>Daily Skill Grade Daily Employability Grade Work Record Journal Class Participation/ Discussion Work Skills & Attitude Related Shop Activities</p>
Wed	<p>Theory Lesson</p> <p>Chapter 52: Engine Diagnosis and Services: Cylinder Head and Valve Train</p>	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 Measurements	<p>Objectives:</p> <ul style="list-style-type: none"> • List common symptoms of engine mechanical problems. <p style="text-align: center;">Activity: Take top end measurements</p>	<p>Daily Skill Grade Daily Employability Grade Work Record Journal Class Participation/ Discussion Work Skills & Attitude Related Shop Activities</p>
Thurs	<p>Theory Lesson</p> <p>Chapter 52: Engine Diagnosis and Services: Cylinder Head and Valve Train</p>	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 Measurements	<p>Objectives :</p> <ul style="list-style-type: none"> ▪ Measure block, head, and manifold warpage. ▪ Measure piston wear and piston-to-cylinder clearance. <p style="text-align: center;">Activity: Take Engine Measurements</p>	<p>Daily Skill Grade Daily Employability Grade Work Record Journal Class Participation/ Discussion Work Skills & Attitude Related Shop Activities</p>
Fri	<p>Theory Lesson</p> <p>Chapter 52: Engine Diagnosis and Services: Cylinder Head and Valve Train</p> <p>SUB</p>	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 Measurements	<p>Objectives :</p> <ul style="list-style-type: none"> • Correctly answer ASE certification test questions requiring knowledge of automotive engines. <p>Homework Due: Mindtap Chapter 52: Review and ASE Questions Due.</p>	<p>Daily Skill Grade Daily Employability Grade Work Record Journal Class Participation/ Discussion Work Skills & Attitude Related Shop Activities</p>