Automotive Technology 6th Edition
Chapter 33 – Pistons, Rings, and Connecting Rods
Lesson Plan

CHAPTER SUMMARY:
1. Pistons, piston construction, and piston pins
2. Piston pin retaining methods, piston rings, and piston ring construction
3. Connecting rods and connecting rod service, piston and rod assembly
4. Piston and rod assembly and Piston ring service

OBJECTIVES:
1. Explain the purpose, function, and construction of pistons.
2. Discuss piston pins and their retaining methods.
3. Explain piston rings and their construction.
4. Discuss connecting rods and their service.
5. Explain piston and rod assembly and piston ring service.

RESOURCES: (All resources may be found at http://www.jameshalderman.com) Internet access required to hyperlink.
2. Task Sheet ASE (A1-C-9) P-3: Piston and Bearing Wear Patterns
3. Task Sheet ASE (A1-C-10) P-2: Piston Inspection and Measurement
4. Task Sheet ASE (A1-C-12) P-2: Piston Rings
5. Chapter PowerPoint
6. Chapter Crossword Puzzle and Word Search

ACTIVITIES:
2. Task Sheet ASE (A1-C-9) P-3: Have students complete Piston and Bearing Wear Patterns Task Sheet.

ASSIGNMENTS:
1. Chapter crossword and word search puzzles.
2. Complete end of chapter 10 question quiz.

CLASS DISCUSSION:
1. Review and group discussion chapter Frequently Asked Questions and Tech Tips sections.
2. Review and group discussion of the five (5) chapter Review Questions.