

Automotive Electricity and Electronics

Chapter 16 – Computer Fundamentals

Lesson Plan



CHAPTER SUMMARY:

1. Computer Fundamentals, Computer Functions, and Digital Computers
 2. Computer Input Sensors and Computer Outputs
-



OBJECTIVES:

1. List the various parts of onboard computers.
 2. Explain the purpose and function of onboard computers.
 3. List an automotive computer's input sensors and the output devices (actuators) it controls.
-



RESOURCES: ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))

1. Task Sheet: Module Reprogramming
 2. Chapter PowerPoint
 3. [Crossword and Word Search Puzzles \(A6\)](#)
 4. [Crossword and Word Search Puzzles \(A8\)](#)
 5. [Videos: \(A6\) Electrical/Electronic Systems](#)
 6. [Videos: \(A8\) Engine Performance](#)
 7. [Animations: \(A6\) Electrical/Electronic Systems](#)
 8. [Animations: \(A8\) Engine Performance](#)
-



ACTIVITIES:

1. Task Sheet: Module Reprogramming
-



ASSIGNMENTS:

1. Chapter crossword and word search puzzles from the website.
 2. Complete end of chapter quiz from the textbook.
 3. Complete multiple choice and short answer quizzes downloaded from the website.
-



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](#).
-



NOTES AND EVALUATION:
