**Automotive Technology 7th Edition**

**Chapter 43 – Capacitance and Capacitors**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Capacitance, Capacitor Construction and Operation, and Factors of Capacitance

2. Uses for Capacitors and Capacitors in Circuits

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**OBJECTIVES:**

1. Explain capacitance.

2. Explain the construction and operation of capacitors.

3. Explain factors of capacitance.

4. Explain the uses of capacitors.

5. Discuss capacitors connected in series and parallel. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**RESOURCES:** (All resources may be found at jameshalderman.com)

1. Task Sheet: Blower Motor Radio Noise

2. Chapter PowerPoint

3. Crossword Puzzle and Word Search

4. Videos: [(A6) Electrical/Electronic Systems Videos](https://jameshalderman.com/a6_vid_lib_page/)

5. Animations: [(A6) Electrical/Electronic Systems Animations](https://jameshalderman.com/a6_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Blower Motor Radio Noise

2. Crossword Puzzle and Word Search

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**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.

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**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.

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**NOTES AND EVALUATION:**

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