**Electric & Hybrid Electric Vehicles 1st Edition**

**Chapter 13 – Electric Vehicle Charging Equipment**

**Lesson Plan**

**CHAPTER SUMMARY:**

1. Electric Vehicle Supply Equipment and Wireless Charging

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**OBJECTIVES:**

1. Discuss National Electric Code (NEC), National Electrical Manufacturers Association (NEMA), and Nationally Recognized Testing Laboratory (NRTL) rules and regulations.

2. Discuss the use of solar to charge an electric vehicle.

3. Discuss electric vehicle supply equipment.

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

1. Task Sheet: Public Charging Stations

2. Task Sheet: Electric Vehicle Supply Equipment

3. Chapter PowerPoint

4. [Crossword Puzzle and Word Search (L3)](https://jameshalderman.com/l3_puzzles_lib_page/)

5. [Videos: (L3) Light Duty Hybrid Electric](https://jameshalderman.com/l3_vid_lib_page/)

6. [Animations: (L3) Light Duty Hybrid Electric](https://jameshalderman.com/l3_anim_lib_page/)

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**ACTIVITIES:**

1. Task Sheet: Public Charging Stations

2. Task Sheet: Electric Vehicle Supply Equipment

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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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