

AC/DC Electricity Syllabus

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Intro: Electricity

Chapter 1 Objectives p17 "Electricity"

Automotive Electric: Meters, Chargers, Jumper Cables, Charging System and Batteries.

Set up Work Stations: Black DVOM, Blue FET, Blue Power Generator.

Soldering: Kits & Misc. Wire Repair

Chapter 2 Objectives p49 "Resistors" Resistor ID Work Sheets

Chapter 3 Objectives p73 "Ohms Law" Problem Solving

Chapter 4 Objectives p101 "Series Circuits" Circuit Construction and Testing/KVL

Chapter 5 Objectives p133 "Parallel Circuits" Circuit Construction and Testing/KCL

Chapter 6 Objectives p163 "Series-Parallel Circuits" Circuit Construction and Testing

Chapter 12 Objectives p343 "Batteries" Battery Testing

Chapter 16 Objectives p443 "AC Voltage and Current"

Residential Wiring: Boards, Codes, Projects

Electrical Device R&R

Students will record all information from the Dry Erase Board into their Notebooks.

The Final will consist of a written paper explaining what the student learned about Electricity.