

CHAPTER OVERVIEW

7: Electricity

- 7.1: Introduction and Learning Objectives
- 7.2: Introduction to Electricity
- 7.3: Static Electricity
 - 7.3.1: Electric Charge and Electric Force
 - 7.3.2: Coulomb's Law
 - 7.3.3: Electric Fields
 - 7.3.4: Electric Field Lines
 - 7.3.5: Electric Potential and Potential Energy
 - 7.3.6: Conductors and Applications of Electrostatics
- 7.4: Electric Current and Resistance
 - 7.4.1: Current
 - 7.4.2: Ohm's Law- Resistance and Simple Circuits
 - 7.4.3: Ohm's Law
 - 7.4.4: Electric Power and Energy
 - 7.4.5: Electric Hazards and the Human Body
 - 7.4.6: Chemical and Solar Cells
- 7.5: End of Chapter Activity
- 7.6: End of Chapter Key Terms
- 7.E: Electricity (Exercise)

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