

**Review of the Principles of DC Circuits (Current and Voltage)****Reading Assignment:**

*Practical Electronics for Inventors*, Paul Scherz and Simon Monk, McGraw Hill (3ed 201, 4ed 2016)

**Basic Concepts**

Chapter 2	Theory	Sections 2.1 - 2.19	Pages 5 - 80
Chapter 2	Theory (Decibels)	Sections 2.31	Pages 204 - 207
Chapter 3	Basic Electronic Circuit Components	Sections 3.1 - 3.4	Pages 253 - 324
Chapter 3	Basic Electronic Circuit (Fusing)	Sections 3.9	Pages 397 - 399
Chapter 7	Hands-On Electronics - Safety	Section 7.1	Pages 551 - 556
Chapter 7	Hands-On Electronics - Multimeters	Section 7.3	Pages 571 - 575

*Schaum's Outline Of Electrical Engineering, 2ed* Cathey & Nasar, McGraw Hill, 1997

**Reading Assignment:**

Chapter 1	Circuit Elements and Laws	Section 1.3, 1.5, 1.6	Pages 2 - 3
Chapter 2	Analysis of Resistive Circuits	Sections 2.1 - 2-7	Pages 16 - 19

**Problems:**

Pages 5 - 15	Problems 1.4, 20, 21, 23, 24, 25, 27, 38, 44, 48
Pages 20 - 27	Problems 2.4, 5, 6, 9, 12, 15, 19, 20, 21, 22, 23, 24