**Chemistry: Chapter 6 & 7 Study Guide**

What should you know?

CH 6

1. Mendeleev’s first table and story
2. The construction and characteristics of the Modern Periodic Table
   1. Rows vs columns
   2. Family names and valence electrons/charges
3. Periodic trends
   1. Ionization potential
   2. Electronegativity
   3. Periodic law

Ch 7

1. Properties of the S block in general (1A and 2A)
   1. Individual characteristics for alkali and alkali earth metals-per our notes
2. Hydrogen –characteristics
3. Properties of P block
   1. What is an allotrope?
   2. Individual characteristics of elements
   3. Family generalities
4. Properties and individual characteristics of transitional metals per our notes
   1. What is ferromagnetism?
   2. What is metallurgy?
5. Properties of lanthanide and actinide series per notes