

Chapter 2 Outline

Tue Jan 27
Lecture

2.1 Atoms and their Components

2.2 Atomic number and mass numbers

2.3 Isotopes and Atomic Mass

- Subatomic particles worksheet
- Atomic mass worksheet

2.4 Radioactivity and Radioisotopes (Radioactivity lab handout)

- Non-radioactive and radioactive isotopes (natural occurring Atomic number 84 and above)

Tue Jan 27
Lab

2.5 Nuclear equations and Radioactive decay

2.6 Radiation Units and half-lives

2.7 Medical Applications for Radioisotopes

Chapter 3 Outline

Thu Jan 29
Lab

3.1 Electron arrangements

3.2 Octet rule and ion formation

3.3 Ionic compounds

- Writing formulas
- Naming ions and ionic compounds