

Nicolosi

Topics for 2014 Chemistry Semester Final:

SI units.

Metric conversions.

Energy sublevels and electron configuration

Chemical vs. physical changes

Groups, families and periods

Subatomic components: protons, electrons, neutrons

Periodic table history

Ions

Mole to mass

Mass to mole

Mass to particles

Particles to moles

Particles to mass

Density

Electronegativity

Electron affinity

Ionization energy

Atomic radius

Periodicity

Noble gases

Alkaline earth metals

Halogens

Alkali metals

Dalton

Democritus

Moseley

Avogadro

Metals

Nonmetals

Metalloid

Noble gas

Nomenclature: ionic and molecular compounds

% composition

Empirical/molecular formulas

Chemical rxns.