

CH 151 LEARNING OUTCOMES

1. Convert English and metric measurements using unit conversions including Avogadro's number, molar mass, and stoichiometry
2. Identify the classification of matter and the physical/chemical states of a substance, including the properties of the three states of matter
3. Interpret the periodic table to determine periodic trends and structure of an atom
4. Distinguish between different types of compounds and describe how their structure affects their reactivity
5. Differentiate between potential energy and kinetic energy and interpret energy transformations, including exothermic and endothermic reactions