**CHEMISTRY**

**ACIDS AND BASES OBJECTIVES**

After completing the assigned material in the text and receiving the appropriate instruction students will be expected to demonstrate on a written exam or in the lab that they:

* Use the three acid-base theories to identify acids and bases under different conditions.
* Write the names of binary acids.
* Write the names of ternary acids.
* Write the anhydrous form of ternary acids.
* Predict whether an oxide is an acid anhydride or a basic anhydride.
* Use the formula of an acid to determine if it is strong or weak.
* Use factor-label for titration calculations.