

LECTURE 24
ACID BASE TITRATIONS & OXIDATION/REDUCTION

I. Acid Base Titration: How to Calculate pH

- A. Weak acid / Strong base
- B. Weak base / Strong acid

II. Oxidation/Reduction Reactions

- A. Guidelines for assigning oxidation numbers
- B. Definitions
 - 1. Oxidation
 - 2. Reduction
 - 3. Oxidizing agent
 - 4. Reducing agent
- C. Disproportionation reaction
- D. Balancing redox reactions