

LECTURE 23
ACID-BASE EQUILIBRIUM: TITRATIONS

I. Titrations Involving a Strong Acid and a Strong Base

- A. Equivalence point
- B. End point

II. Calculating Points on a pH Curve

- A. Calculating pH before the equivalence point
- B. Calculating volume of HCl needed to reach equivalence point
- C. Calculating pH after the equivalence point

III. Titration Curves for Weak Acid/Strong Base and for Weak Base/Strong Acid