

Chemistry 116 - Fall 2021
Dr. Audrey Dell Hammerich
14 - Week of November 21
Acid-Base Titrations

NOTE: The OWL assignment for this week is the last homework that will be graded. Note that **no homework is due until next week** (Week 15 - last week of class). In addition there is a Course Review series of questions (Mastery and ChemWorks) which I have gone through and edited. You may wish to skim over some of these. The questions are very direct. The selected problems cover material covered on the final exam.

LAB ASSIGNMENT: Remember that your laboratory notebook must be turned in to your TA. Unless you arrange with your TA for an **earlier** turn in date all notebooks must be received by your TA at the Wednesday discussion section on December 1 (last week of class). This date/time **cannot** be extended as we are jointly all grading notebooks that afternoon/evening.

LECTURE ASSIGNMENT: On-line OWL assigned homework is due on Friday, December 3 at noon except "W" problems are due Wednesday, December 1 at noon.

Monday, November 22

Exam III

Wednesday, November 24

Reading Assignment: H Ch 11-1 - 11-3 (Z 8.5) [**acid-base titrations - be sure to first determine the equivalence point:** titration of a strong base with a strong acid - regions: pure base, excess strong base, equivalence point where $\text{pH} = 7$ (only reaction is dissociation of water), excess strong acid; titration of a weak acid with a strong acid - regions: pure acid, buffer, equivalence point where $\text{pH} > 7$ (hydrolysis of conjugate base determines the pH), excess strong base;

Friday, November 26

HAPPY THANKSGIVING