

Chemistry II AP 2020-2021
Dr. Casagrande (Office 186P)
Room 186, Period 8

Syllabus #19-20 Feb. 1 – Feb. 12, 2021
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Use Meet link from Google Classroom *except* for PM “Lab” Periods use Meet link “casagrande”
Office Hours are MT 1:30 PM-2:00 PM and RF 2:00 PM-2:30 PM at Meet link “casagrande”
To schedule a private 15-minute after-school conference go to <https://bit.ly/3gchhCZ>

Monday, Feb. 1, 2021

Martin Luther King, Jr. Day—No School

Tuesday, Feb. 2, 2021 (2:00-2:30 “Lab”)

- Chapter 14 Review
- **HW #14-5:** Finish MC Review & AP Classroom Unit 7 MC Progress Check #4-24 (Due 7 am 2/3)

Wednesday, Feb. 3, 2021 (All Remote 1-8)

- Ch. 15.1-15.2: Brønsted Acids and Bases; Acid-Base Properties of Water
- **HW #14-6:** Finish Textbook Review Problems (Due 7 am 2/4)

Thursday, Feb. 4 2021 (Cohort A 5-8)

Marking Period 2 Ends

- Start PhET Investigation: Acid-Base Solutions
- **HW:** Study for Chapter 14 Test tomorrow.

Friday, Feb. 5, 2021 (Cohort B 5-8)

- **Test Chapter 14: Chemical Equilibrium**
- Finish PhET (Due 7 am 2/9)

Monday, Feb. 8, 2021

Class does not meet

- **Homework #15-1:** Brønsted Acids and Bases WKS (Due 7 am 2/9)

Tuesday, Feb. 9, 2021 (2:00-2:30 “Lab”)

- Ch. 15.3-15.5: pH; Strength of Acids and Bases; Begin Weak Acid Ionization Constants (No Calculations yet)
- **HW 15-2:** Strength of Acids and Bases WKS (Due 7 am 2/10)

Wednesday, Feb. 10, 2021 (All Remote 1-8)

- Ch. 15.5-15.7: Finish Weak Acid Ionization Constants; Weak Base Ionization Constants; The Relationship Between Acid Ionization Constants & Their Conjugate Bases
- **Homework #15-3:** Weak Acid –Weak Base Ionization Constants WKS (Due 7 am 2/11)

Thursday, Feb. 11, 2021 (Cohort A 5-8)

- Ch. 15.8-15.9: Polyprotic Acids; Molecular Structure and the Strength of Acids
- **POGIL:** Titration Curves — Models 1 & 2
- **HW #15-4:** Polyprotic Acids; Molecular Structure and the Strength of Acids WKS (Due 7 am 2/12)

Friday, Feb. 12, 2021 (Cohort B 5-8)

- Ch. 15.10: Acid-Base Properties of Salt Solutions
- **POGIL:** Titration Curves — Models 3 & 4 (Due 5 pm 2/15)
- **HW 15-5:** Acid-Base Properties of Salt Solutions WKS (Due 7 am 2/16)

Looking ahead: There is no school Monday, February 15 for Presidents’ Day. The Chapter 15 Test on Acids & Bases is scheduled for Thursday, February 25.