

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

Syllabus #19-20 Jan. 18 – Jan. 29, 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>

Note: I am still quarantined and teaching from home until 1/25. In-school students must bring their laptops and, on test day, set up their workstations as if they were at home.

Monday, Jan 18, 2021

Martin Luther King, Jr. Day—No School

Tuesday, Jan. 19, 2021 (2:00-2:30 “Lab”)

- Chapter 13 Review
- **HW #13-6:** FRQ & MC Review WKSs (Due 7 am 1/20)

Wednesday, Jan. 20, 2021 2:00-2:40 (All Remote 1-8)

- Review HW 13-6, Ch. 13 FRQ & MC
- **Optional Study Guide:** Pg. 262 #1, 3, 4, 5, 6, 8, 10, 12, 13* 15, 17, 18, 20, 21
*Answer in guide is incorrect—see my website for correct answer/solution
- **HW #13-7:** Ch. 13 Textbook Review WKS (Due 7 am 1/21)

Thursday, Jan. 21, 2021 11:30-12:40 (All Remote 5-8)

- Review Ch. 13 Textbook Problems
- Chapter 14.1-14.2: The Concept of Equilibrium; Homogeneous Equilibria

Friday, Jan. 22, 2021 11:30-12:40 (All Remote 5-8)

- **Test Chapter 13: Chemical Kinetics**
- **HW #14-1:** Concept of Equilibrium; Homogeneous Equilibria WKS (Due 7 am 1/26)

Monday, Jan. 25, 2021

Class does not meet

Tuesday, Jan. 26, 2021 (2:00-2:30 “Lab”)

- Ch. 14.2-14.3: Heterogeneous Equilibria; Multiple Equilibria; Equilibrium & Kinetics
- **HW #14-2:** Heterogeneous Equilibria; Multiple Equilibria; Equilibrium & Kinetics WKS (Due 7 am 1/27)

Wednesday, Jan. 27, 2021 (All Remote 1-8)

- POGIL: The Reaction Quotient
- **HW:** Complete POGIL

Thursday, Jan. 28, 2021 11:30-12:40 (Cohort A 5-8)

- Ch. 14.4: Using the Equilibrium Constant
- **Lab:** Determination of K_{eq} for $FeSCN^{2+}$: Procedure and Data
- **HW #14-3:** Using the Equilibrium Constant WKS (Due 7 am 1/28)

Friday, Jan. 29, 2021 11:30-12:40 (Cohort B 5-8)

- Ch. 14.5: Factors that Affect Equilibrium—Le Châtelier’s Principle
- **Lab:** Determination of K_{eq} for $FeSCN^{2+}$: Analysis & Postlab (Due 7 am 2/1)
- **Homework #14-4:** Le Châtelier’s Principle WKS (Due 7 am 22)

Looking ahead: The Chapter 14 Test is scheduled for Friday, February 5.