

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

Syllabus #17-18 Jan. 4 – Jan. 15, 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, Jan 4, 2021

Class does not meet

- HW #11-5: Semiconductors, Polymers, Alloys WKS (Due 7 am 1/5)

### Tuesday, Jan. 5, 2021 (2:00-2:30 “Lab”)

- Ch 12.1, 12.2, 12.3, 12.4 (no fractional crystallization), 12.8: Types of Solutions, Solution Process, Concentration Units, Effect of Temperature and Pressure on Solubility, Colloids
- HW #12-1: Solutions & Solubility WKS (Due 7 am 1/6)

### Wednesday, Jan. 6, 2021 2:00-2:40 (All Remote 1-8)

- Chapter 11-12 Review
- HW #12-2: Textbook Review WKS, MC WKS & Study Guide p. 231 #13. (Due 7 am 1/8)

### Thursday, Jan. 7, 2021 11:30-12:40 (All Remote 5-8)

- Check and discuss HW Review and do *Boiling water demo from HW question # 11.133.*
- Chapter 13.1: The Rate of a Reaction
- **Homework:** Study for Chapter 11-12 Test

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

#### • Chapter 11-12 Test: Liquids, Solids, IMFs; Solutions

- HW #13-1: Rate of a Reaction WKS (Due 7 am 1/12)

### Monday, Jan. 11, 2021

Class does not meet

### Tuesday, Jan. 12, 2021 (2:00-2:30 “Lab”)

- Chapter 13.2-13.3: The Rate Law
- HW #13-2: The Rate Law WKS (Due 7 am 1/13)

### Wednesday, Jan. 13, 2021 (All Remote 1-8)

- Ch. 13.3: Integrated Rate Laws
- HW #13-3: Integrated Rate Laws WKS (Due 7 am 1/14)

### Thursday, Jan. 14, 2021 11:30-12:40 (Cohort A 5-8)

- Ch. 13.4: Collision Theory; Activation Energy & Temperature Dependence of Rate Constants
- **Lab:** Kinetics of Crystal Violet Fading — Procedure & Data
- HW #13-4: Collision Theory WKS (Due 7 am 1/15)

### Friday, Jan. 15, 2021 11:30-12:40 (Cohort B 5-8)

- Ch. 13.5-13.6: Reaction Mechanisms & Catalysis
- **Lab:** Kinetics of Crystal Violet Fading — Analysis & Post-Lab (Due 7 am 1/18)
- HW #13-5: Reaction Mechanisms WKS (Due 7 am 1/19)

Looking Ahead: The Chapter 13 Test is scheduled for Friday, January 22.