

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

Syllabus #15 Dec. 14 – Dec. 23, 2020  
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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, Dec. 14, 2020

Class does not meet

- Chapter 9-10 Review
- **HW #10-4:** Textbook & MC Problems (Due 7 am 12/15)

### Tuesday, Dec. 15, 2020 (2:00-2:30 “Lab”)

- Review Chapter 9-10
- Ch. 11.1-11.2 Kinetic Molecular Theory of Liquids and Solids; Intermolecular Forces
- **HW #11-1:** KMT of Liquids & Solids, IMFs WKS (Due 7 am 12/16)

### Wednesday, Dec. 16, 2020 2:00-2:40 (All Remote 1-8)

- Ch 11.3: Properties of Liquids and Ch 11.8: Phase Changes (*Only Liq-Vap Equil and Molar Heat of Vaporization*).
- **HW:** Study for Ch. 9-10 Test

### Thursday, Dec. 17, 2020 11:30-12:40 (Cohort A)

#### • **Chapter 9-10 Test: Chemical Bonding**

- **HW #11-2:** Properties of Liquids; Liquid-Vapor Equilibrium WKS (Due 7 am 12/18)

### Friday, Dec. 18, 2020 11:30-12:40 (Cohort B)

- Ch 11.8: Phase Changes (*Boiling Pt, Liquid-Solid Equilibrium and Solid-Vapor Equil.*)
- **Lab:** Chromatography (Due 7 am 12/21)

### Monday, Dec. 21, 2020

Class does not meet

- **Homework 11-3:** Phase Changes WKS (Due 7 am 12/22)

### Tuesday, Dec. 22, 2020 (2:00-2:30 “Lab”)

- Ch 11.6, 11.7 and 11.9: Types of Crystals, Amorphous Solids and Phase Diagrams
- **HW #11-4:** Properties of Solids WKS (Due 7 am 12/23)

### Wednesday, Dec. 23, 2020 (Remote Friday Schedule 11:30-12:20)

- Semiconductors, Polymers & Alloys in AP Chemistry
- **HW #11-5:** Semiconductors, Polymers, Alloys WKS (Due 7 am 1/5)
- **Minilab:** The Amazing Drinking Bird! (Due at end of class)

Looking Ahead: Winter vacation is Thursday, December 24 through Sunday, January 3. Have a wonderful break and see you January 5! The Chapter 11-12 Test is scheduled for Friday, January 8.