

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

Syllabus #11-12 Nov. 16 – Nov. 27, 2020
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Monday, Nov. 16, 2020

- **HW #7-4:** Diamagnetism & Paramagnetism, Shielding, Exceptions WKS (Due 7 am 11/17)

Tuesday, Nov. 17, 2020 (2:00-2:30 “Lab”)

- Ch. 8.1 & 8.2: The Periodic Table (Read in Textbook)
- Ch. 8.3: Effective Nuclear Charge, Atomic Radius, Ionic Radius, MP, BP
- **HW #8-1:** Effective Nuclear Charge, Atomic Radius, Ionic Radius, MP, BP WKS (Due 7 am 11/18)

First Marking Period Ends 11/17

Wednesday, Nov. 18, 2020 2:00-2:40 (All Remote 1-8)

- Ch. 8.4 and 8.5: Ionization Energy and Electron Affinity
- **HW #8-2:** Ionization Energy and Electron Affinity WKS (Due 7 am 11/19)

Thursday, Nov. 19, 2020 11:30-12:40 (All Remote 5-8)

- Photoelectron Spectroscopy (PES) POGIL
- **HW #8-3:** Photoelectron Spectroscopy WS (Due 7 am 11/20)

Friday, Nov. 20, 2020 11:30-12:40 (All Remote 5-8)

- **Chapter 7-8 Review**
 - Ch. 7-8 Textbook Review WKS
 - Chapter 7-8 MC Review
 - Optional Study Guide:
Ch. 7: p 135 #1, 4, 7, 11, 14, 18, 19, 21, 22, 25, 28 p. 143 #1, 7, 12, 14, 15;
Ch. 8: pg. 154 #9, 10, 12, 15, 16, 21, 23, 26, 27; pg. 161 #8, 12, 14
(Make sure you can explain the reasons for your answers to these study guide questions.)
- Ch. 9.1-9.3: Ionic Bonds & Lattice Energy; Born-Haber Cycle
- **HW #8-4:** Textbook & MC Review (Due 7 am 11/24)

Monday, Nov. 23, 2020

Class does not meet

Tuesday, Nov. 24, 2020 (2:00-2:30 “Lab”)

- Wrap Up/Review Chapter 7-8
- **HW:** Study for Chapter 7-8 Test

Wednesday, Nov. 25, 2020 2:00-2:40 (All Remote 5-8) Thursday Schedule No PM classes

• Chapter 7-8 Test: Electronic Structure & Periodic Relationships

- **HW #9-1:** Ionic Bonds & Lattice Energy WKS (Due 7 am 12/1)

Thursday, Nov. 26, 2020 – Friday Nov. 27, 2020

- Have a great Thanksgiving!