

# CH141 Weekly Assignments

Check this page often for reading assignments, lecture overheads, reminders, etc.

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## Week 14: 12/4 - 12/8

- Textbook reading assignment: Chapter 11 (section 6) & Chapter 13 (sections 1-5)
- Your final MasteringChemistry assignment is due Sunday, 12/10, by 11:59 PM.
- Details on your final examination are posted on the [Examinations page](#).
  - There will be two review sessions during reading period. The first will be Monday from 4-5 PM in Keyes 105. The second will be Tuesday from 5-6 in Keyes 105.
- Section A: [Chapter 11/13 examples](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)
- Practice problems:
  - Ch. 9 (molecular orbitals): 69, 75, 81, 105
  - Ch. 10 (kinetic molecular theory & real gases): 79, 81, 87, 93, 95
  - Ch. 11: 13, 17, 21, 23, 29, 35, 37, 45, 51, 55
  - Ch. 13: 3, 7, 9, 15, 21, 29, 45, 47, 51, 63, 65, 81
- **Thanks for a great semester!!!!**

## Week 13: 11/27 - 12/1

- Textbook reading assignment: Chapter 10 (sections 7-9) & Chapter 11 (sections 1-5)
- **Your chapter 9 homework assignment is due Tuesday, 11/28, by 11:59 PM.**
- Chapter 9 Practice Problems (thru 9.6): 9.17, 9.21, 9.23, 9.25, 9.29, 9.31, 9.33, 9.35, 9.37, 9.41, 9.43, 9.49, 9.51, 9.55, 9.57, 9.59, 9.61, 9.65, 9.67.
- **Your third midterm examination is Thursday, 11/30, at 5 PM in Keyes 105.** Please see the [Examinations page](#) for more details.
- Prof. Rice will hold open office hours from 3-5 PM on Tuesday. Prof. McKinney will hold a review session in Keyes 105 at 5:30 PM on Tuesday.
- Section A: [Chapter 10b overheads](#); [a slick KMT simulator](#)
- Section B: [Monday and Wednesday overheads](#); [Friday overheads](#)

## Week 12: 11/20 - 11/21

- Textbook reading assignment: No new reading this week
- We WILL have class on Monday, 11/20, but no laboratory this week
- **You have a MasteringChemistry assignment for Chapter 9 due Tuesday, 11/28**
- Happy Thanksgiving!
- Section B: [Monday overheads](#)

## Week 11: 11/13 - 11/17

- Textbook reading assignment: Chapter 9 (all sections)
- MasteringChemistry assignments: Chapter 6 due Sunday 11/12 - Chapters 7/8 due Sunday 11/19
- Chapter 7 Practice Problems: #7.13, 7.17, 7.19, 7.23, 7.25, 7.27, 7.29, 7.33, 7.35, 7.37, 7.39, 7.41, 7.43, 7.45, 7.47, 7.49, 7.51, 7.53, 7.81, 7.85, 7.87, 7.91, 7.96, 7.99
- Chapter 8 Practice Problems: #8.9, 8.15, 8.17, 8.21, 8.23, 8.25, 8.27, 8.29, 8.31, 8.35, 8.39, 8.41, 8.45, 8.47, 8.51, 8.53, 8.55, 8.61, 8.63, 8.65, 8.67, 8.71, 8.73, 8.75, 8.85, 8.90, 8.98, 8.101, 8.107
- Section A: [Chapter 9 overheads](#)
- Section B: [Friday overheads](#)

## Week 10: 11/6 - 11/10

- Textbook reading assignment: Chapter 8 (all sections)
- Your next MasteringChemistry assignment (for Chapter 6) is due Sunday, 11/12, by 11:59pm
- Chapter 6 Practice Problems: #6.9, 6.17, 6.19, 6.31, 6.33, 6.37, 6.49, 6.41, 6.45, 6.51, 6.55, 6.57, 6.61, 6.63, 6.67, 6.71, 6.73, 6.75, 6.81, 6.86, 6.91, 6.99, 6.102, 6.105.
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)

## Week 9: 10/30 - 11/3

- Textbook reading assignment: Chapter 6 (sections 6-9) and Chapter 7 (all sections)
- **Your second midterm examination is Wednesday at 5 PM in Keyes 105.** Please see the [Examinations page](#) for more details.
- There will be a review session (optional) on Monday at 6 PM in Keyes 105.
- Section A: [Chapters 7 & 8 overheads](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)

## Week 8: 10/23 - 10/27

- Happy Mole Day!
- Textbook reading assignment: Chapter 5 (sections 6-7) and Chapter 6 (sections 1-5)
- Chapter 5 MasteringChemistry assignment is due Sunday, 10/29.
- Chapter 5 Practice Problems: #5.4, 5.7, 5.15, 5.19, 5.21, 5.25, 5.27, 5.29, 5.31, 5.35, 5.37, 5.39, 5.43, 5.47, 5.51, 5.55, 5.57, 5.63, 5.65, 5.69, 5.71, 5.73, 5.77, 5.91, 5.97, 5.102, 5.116
- **Your second midterm examination is next week!** Please see the [Examinations page](#) for more details.
- Section A: [Chapter 5 examples](#); [Chapter 6 overheads](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)

## Week 7: 10/18 - 10/20

- We hope everyone has a safe and relaxing break!
- Textbook reading assignment: Chapter 5 (sections 1-5)
- Chapter 10 MasteringChemistry assignment is due Sunday, 10/22.
- Chapter 10 Practice Problems: #10.17, 10.19, 10.23, 10.25, 10.31, 10.33, 10.37, 10.39, 10.43, 10.47, 10.51, 10.53, 10.57, 10.61, 10.63, 10.67, 10.73, 10.99, 10.105, 10.109
- Section B: [Wednesday overheads](#), [Friday overheads](#)

## Week 6: 10/9 - 10/13

- Textbook reading assignment: Chapter 10 (sections 1-6)
- Chapter 4 homework is posted in MasteringChemistry and is due Thursday by midnight.
- Chapter 4 and 20 Practice Problems: #4.7, 4.15, 4.23, 4.27, 4.37, 4.39, 4.51, 4.55, 4.61, 4.69, 4.71, 4.73, 4.79, 4.83, 4.87, 4.99, 4.109, 20.15, 20.17, 20.23, 20.25
- Section A: [Monday overheads](#) - [Wednesday overheads](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)
- Colby 2010 alumni presenting [Chemistry seminar](#) on Friday, 10/13 at 11AM in Davis 301. They are also available for Q&A in the second floor conference room of Davis Connects at 4 PM.

## Week 5: 10/2 - 10/6

- Textbook reading assignment: Chapter 20 (sections 1-2)
- **Your first midterm examination is THIS TUESDAY, at 5 PM in Keyes 105.** Please see the [Examinations page](#) for more details.
- The chapter 4 homework won't be posted until after the exam.
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)

## Week 4: 9/25 - 9/29

- Textbook reading assignment: Chapter 4 (all sections)
- The chapter 3 homework assignment is posted on MasteringChemistry and is due Sunday, 10/1, by 11:59 PM.
- **Your first midterm examination is on Tuesday, October 3rd, at 5 PM.** Please see the [Examinations page](#) for more details.
- A **Review Session for the exam** will be held Sunday, October 1st, at 6 PM in Keyes 105.
- Section A: [Chapter 4 overheads](#)
- Section B: [Monday overheads](#), [Friday overheads](#)

## Week 3: 9/18 - 9/22

- Textbook reading assignment: Chapter 3 (all sections)
- Your second MasteringChemistry assignment is posted and is due **Thursday, 9/21, by 11:59 PM.**
- Getting started instructions for Learning Catalytics: [Learning Catalytics Instructions.pdf](#)
  - Please bring an internet connected device (smart phone, tablet, or laptop) to class starting on Wednesday.
- Section A: [Chapter 3 overheads](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#); [Friday overheads](#)
- Chapter 3 Practice Problems: #3.5, 3.13, 3.15, 3.21, 3.25, 3.37, 3.39, 3.53, 3.57, 3.59, 3.61, 3.69, 3.75, 3.77, 3.85, 3.91, 3.103

## Week 2: 9/11 - 9/15

- Textbook reading assignment: Chapter 2 (all sections)
- **Laboratory will start this week!**
- Please don't forget to get signed in with [MasteringChemistry](#), our online homework system.
  - For those of you who purchased a version of MasteringChemistry access without the eText, you don't need the eText, but you do need the access to Learning Catalytics that comes with that version. If you bought it bundled with a new book or as a stand-alone card from the bookstore you're fine. If you purchased it with a credit card online and mistakenly bought the lesser version, [here's how you can upgrade.](#)
  - Your first homework assignment is due by midnight on Thursday, 9/14.
- Practice problems from textbook (Note that these problems from your textbook are recommended for practice in addition to your homework. Answers can be found in the back of the book.):
  - Chapter 1: #1.15, 19, 27, 31, 35, 39, 41, 53, 57, 69, 83
  - Chapter 2: #2.8, 13, 19, 23, 29, 35, 43, 49, 53, 55, 57, 65, 69, 79, 88, 96, 110
- Section A: [Chapter 2 overheads](#) / [molview.org](#)
- Section B: [Monday overheads](#); [Wednesday overheads](#), [Friday overheads](#)
- **Cool upcoming seminar on carbon dioxide capture as a strategy to mitigate elevated atmospheric levels - September 26!**

## Week 1: 9/6 - 9/8

- Welcome to General Chemistry!
- Textbook reading assignment: Chapter 1 (all sections)
- Reminder: No laboratory this week! Lab starts next week. Please see the [laboratory page](#) for more information.
- Homework in CH141 will be administered via the online system, [MasteringChemistry](#). You'll need an access code (either bundled with your textbook, purchased separately at the bookstore, or purchased online). Everything else you need to know can be found in [this document](#). **Make sure to get set up with MasteringChemistry ASAP as your first assignment ~~will be due next week~~ is due Thursday, 9/14, by 11:59 PM.**
- Section A: [Chapter 1 overheads](#)
- Section B: [Chapter 1 overheads](#)