



Chemistry 1020 Spring 2020 Syllabus Supplement

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This document serves a supplement to the syllabus necessitated by the interruption of the semester due to COVID-19. This document reflects where we stand as of the morning of Monday, March 30 and may be updated accordingly as information evolves.

Because of the shortened semester, **we will no longer be covering Chapter 14**. In addition, the assigned labs will be modified to reflect the shortened semester.

Update to **Online Office Hours** for the remainder of the semester:

- **Monday** 12:00 pm - 1:00 pm
- **Tuesday** 10:00 am - 11:00 am
- **Wednesday** 11:00 am - 12:00 pm
- **Thursday** 1:00 pm - 2:00 pm
- **Friday** 8:00 am - 9:00 am
- [Click here](#) or **sign in** at <https://minnstate.zoom.us>; use Meeting ID: **935-816-719**

As long as I stay healthy: Since my seated students didn't choose to take this course in an online seating, I plan to "teach" the classes for my seated students during their regularly scheduled class meeting times via Zoom web conference:

- **Tuesday** 8:00-9:15 am and 2:00-3:15 pm
- **Thursday** 8:00-9:15 am and 2:00-3:15 pm
- [Click here](#) or **sign in** at <https://minnstate.zoom.us>; use Meeting ID: **732-861-640**.
- You are welcome to attend either or both meetings.

Laboratory: You will be completing four lab activities for the remainder of the semester: Labs H12, H6, H13, and H14. Even though Lab H14 is related to Chapter 14, which has been eliminated for the course expectations this semester, Lab H14 can largely be completed without reading the chapter and will provide some exposure to acid-base chemistry without covering Chapter 14.

Practice Problems and Homework Quizzes: These will still be available on MasteringChemistry. All practice problems and homework quizzes for a given chapter will be set to be due on a single day. **I have also obtained free, unlimited access to a product called Chem101.** Chem101 offers an exciting alternative to MasteringChemistry. I am piloting Chem101 to use in place of MasteringChemistry in the future. As I become familiar with Chem101, I will post assignments to D2L. **I will likely choose to accept the Chem101 assignments in place of MasteringChemistry.** I just haven't had time to review and select problems as of today. Stay tuned.

Exams: There are still two one-hour exams remaining, plus the final exam. The remaining one-hour exams will be administered on D2L. The best three one-hour exams will still count toward your final grade. Everyone must take the final exam. The one-hour exams will continue to be available on D2L for a 54-hour window that ends at 11:59 pm on the indicated due date. As

before, you may email me to request early access to the one-hour exams. The available dates for the final exam will be delayed a few days into the official final exam week. You will need to sign up for a specific two-hour exam during which you will need to take the exam.

Grading: There will be 30 or so fewer points in the course due to the elimination of two lab activities and the graded homework quiz for Chapter 14. The grading scale will remain the same. Stay tuned to the college website or the Minnesota State website if changes to grading options include an option to select pass/fail.

MODIFIED TEXTBOOK SUMMARY - READING AND PRACTICE PROBLEMS

Exam	Chap	Title	Sections Covered	*End-of-Chapter Suggested Problems
3	8	<i>Quantities in Chemical Reactions</i>	Sections 8.1-8.6	#2, 3, 7, 9, 17, 21, 27, 35, 45, 49, 53, 57, 61, 63, 79, 85
	11	<i>Gases</i>	Sections 11.1-11.6	#1, 2, 5, 9, 11, 25, 33, 35, 39, 41, 51, 53
	9	<i>Electrons in Atoms and the Periodic Table</i>	Sections 9.1-9.6, 9.7 (valence electrons only); Section 10.2	#3, 5, 9, 13, 14, 15, 16, 61
	10	<i>Chemical Bonding</i>	Sections 10.1-10.5	#5, 7, 9, 25, 27, 29, 33, 37, 39, 43, 47, 49ac, 51, 53, 95, 99, Molecular Modeling Lab
4	18	<i>Organic Chemistry</i>	Sections 18.1-18.8, 18.11-18.15	#1, 7, 9, 13, 21, 23, 25, 27, 33, 35, 37, 39, 43, 45, 47, 49, 53, 57a, 59ab, 83, 85bcd, 87a, 91, 93, 95, 103, 107, additional problems on D2L
	12	<i>Liquids, Solids, and Intermolecular Forces</i>	Sections 10.7-10.8; Sections 12.1-12.2, 12.4-12.8	Ch 10: #17, 77, 83, 89acd, 97; Ch 12: #1, 5, 9, 13, 16, 23, 25, 33, 41, 47, 63, 65, 75, 77, 81, 105
	13	<i>Solutions</i>	All sections (no calculations for Section 13.9)	#3, 5, 6, 7, 8, 11, 14, 17, 20, 23, 31, 33, 35, 43, 47, 61, 63, 71, 73, 81, 83, 85, 87, 131, additional problems on D2L
None*	14	<i>Acids and Bases</i>	Sections 14.1-14.4, 14.5 (skim), 14.7, 14.8 (no calculations), 14.9	#1, 2, 5, 7, 8, 17, 20, 21, 24, 29, 53, 57acd, 67, 69, 73, 77, 103
Final	The Final Exam is cumulative, so a review of all course material is appropriate.			

* **Chapter 14** is **optional** and will **not** be covered on any exam in this course, including the final exam. It is for reference purposes only and would have been covered had there been no interruption in the semester.

MODIFIED CHEM 1020 ONLINE LECTURE, LAB, and EXAM SCHEDULE

Lecture	Lab	Monday	Tuesday	Wednesday	Thursday	Friday
Classes Suspended	Classes Suspended	Mar 30 No School Classes Suspended	Mar 31 No School Classes Suspended	Apr 1 No School Classes Suspended	Apr 2 No School Classes Suspended	Apr 3 No School Classes Suspended
Ch 11, 9, 10	H12	Apr 6 Lab H12 Due	Apr 7	Apr 8 All Ch 11,9 Due	Apr 9	Apr 10
Ch 10, 18	H6	Apr 13 Lab H6 Due	Apr 14	Apr 15 All Ch 10 Due	Apr 16 Exam 3** (Ch 8-11)	Apr 17
Ch 18, 12	* * *	Apr 20	Apr 21 Last Withdraw Date	Apr 22 All Ch 18 Due	Apr 23	Apr 24
Ch 12, 13	H13	Apr 27 Lab H13 Due	Apr 28	Apr 29 All Ch 12 Due	Apr 30	May 1
Ch 13, Review	H14	May 4 Lab H14 Due	May 5	May 6 All Ch 13 Due	May 7 Exam 4** (Ch 18, 12-13)	May 8
Finals Week	H25	May 11 Final Exam Date	May 12 Final Exam Date	May 13 Final Exam Date	May 14	May 15

*Note: This schedule is subject to change by order of the college president, Minnesota State chancellor, or Minnesota governor.