

Some Suggested Possible Schedules: Test Scheduling Possibilities (Overview):

	Using 50-minute MSUM Panopto Videos http://web.mnstate.edu/jasperse/Online/Lectures360online.html	If you use 60-minute NDSU Tegrity Videos http://www.ndsu.edu/pubweb/~jasperse/Chem342/chem342-onlinelectures-2015.htm
Test 1	• Lectures 1-10	• Lectures 1-10
Test 2	• Lectures 11-16	• Lectures 10-16
Test 3	• Lectures 17-28	• Lectures 17-26
Test 4	• Lectures 29-39	• Lectures 27-34

16-week: (see following pages for more detailed suggested schedule)

- Four weeks per typical test
- For typical test, Weeks 1-3: Go through all lecture videos, Sapling online homework, and some of the extra practice sets. For most tests, this will be about four lecture videos per week.
- Week 4: Study a lot; go through all the practice sets; complete any quizzes or incomplete Sapling; review lecture video discussion on topics that don't make sense; do all the practice tests. Then take the actual test.
- One week left to study for final and actually take the final
- Test 3 will take extra long; test 2 doesn't have nearly as many lectures and shouldn't take as long.
- Note: Test 2 is really a "half test" so should be completed more quickly

12-week: (see following pages for more detailed suggested schedule)

- Three weeks per typical test
- Weeks 1-2: Go through all lecture videos, Sapling online homework, and some of the extra practice sets. For most tests, this will be about five lecture videos per week.
- Week 3: Study a lot; go through all the practice sets; complete any quizzes or incomplete Sapling; review lecture video discussion on topics that don't make sense; do all the practice tests. Then take the actual test.
- This could leave variable time to study for the final.
- Why aim for 12-week schedule?
 - This could give time to finish early, so you could focus on other end-of-semester responsibilities.
 - This leaves cushion, in case one of the tests you struggle, or have other time-pressure crises.
 - This could finish before or immediately following Thanksgiving.
 - This could be helpful if you started late for whatever reason.
- Note: Test 2 is really a "half test" so should be completed more quickly

10-week: (see following pages for more detailed suggested schedule)

- Two-and-a-half weeks per test (17 days)
- Days 1-11: Go through all lecture videos, Sapling online homework, and extra practice sets.
- Days 12-16: Study a lot; go through all the practice sets; complete any quizzes or incomplete Sapling; review lecture video discussion on topics that don't make sense; do all the practice tests. Then take the actual test.
- Spend an 11th week studying for and then taking final.
- Why aim for 9-week schedule?
 - Just get it done really fast?
 - Maybe you started late for whatever reason?
 - During last summer, I had 160 students who completed course in 8 weeks or less (some in 6 weeks), so it's certainly possible.
- Note: Test 2 is really a "half test" so should be completed more quickly

8-week: (see following pages for more detailed suggested schedule)

- Two weeks per test
- 8 days : Go through all lecture videos, Sapling online homework, and some extra practice sets.
- Days 9-13: Study a lot; go through all the practice sets; complete any quizzes or incomplete or incomplete Sapling; review lecture video discussion on topics that don't make sense; do all the practice tests.
- Day 14: Take the actual test.
- Spend a 9th week studying for and then taking final.
- Note: Test 2 is really a "half test" so should be completed more quickly

Some Suggested Possible Schedules: Test Scheduling Possibilities (Overview):**Possible/Suggested 16-week Schedule (you can personalize it):**

- This approximates what students in a full-semester face-to-face class would do; 3-4 lectures per week.

	Using 50-minute MSUM Panopto Videos http://web.mnstate.edu/jasperse/Online/Lectures360online.html
Test 1 Tues 9/18, Wed 9/19, or Fri 9/21	<ul style="list-style-type: none"> • Lectures 1-10 • Finish lectures/Sapling by Wed, Sept 12 • Digest/Practice/Integrate Monday-till-test
Test 2 Tues 10/9, Wed, 10/10, or Fri 10/15	<ul style="list-style-type: none"> • Lectures 11-16 • Finish lectures/Sapling by Wed, Oct 3 • Digest/Practice/Integrate Wednes-till-test
Test 3 Fri 11/9, Mon 11/12 or Tues 11/13	<ul style="list-style-type: none"> • Lectures 17-28 • Finish lectures/Sapling by Sun, Nov 4 • Digest/Practice/Integrate Saturday-till-test
Test 4 Tues 12/4, Wed 12/5 or Fri 12/7	<ul style="list-style-type: none"> • Lectures 29-39 • Finish lectures/Sapling by Wed, Nov 28 • Digest/Practice/Integrate Saturday-till-test
Final Fri 12/14, Mon, 12/17 or Tues 12/18	<ul style="list-style-type: none"> • Study like crazy for a week! It's hard.

Notes on the 16-week schedule:

- On this schedule you should routinely be going through test lectures in three weeks (~4 lectures per week), then giving yourself most of a week to catch up, study, review, do lots of practice problems, practice sets, and practice tests prior to actually taking the tests.
- Test 2 is a “half-test” in point value, and involves only 6 lectures, so should be handled much faster.
- Test 3 is especially challenging, so might demand some extra time.
- You could move faster if you wished.
- A week is included between test 4 and the cumulative final.
- The final must be completed by Dec 19th.
- These dates assume you want to match with the regular class schedule. But, probably you don't.
 - You'd do well to finish sooner.
 - That way, if you're taking other classes that have end-of-semester requirements and final exams, your time for this class wouldn't be competing with your time for those.
 - Many of you may wish to start way early, well before Aug 27. The more you accomplish before other fall activities/class kick in, the better.
 - Wouldn't it be nice to complete before Thanksgiving? Or, perhaps before the end of October? Maybe even by the end of Labor-Day week, so that if you were taking other college fall-semester courses, this course wouldn't really be competing for your study time during most of the semester?

Schedule Flexibility and the Possibility of Customizing Your Schedule to Your Own Circumstances:

- As long as you complete all of the tests by the end of the semester (Dec 19), test dates are otherwise unfixed/undefined.
- You could start way early (including as early as July!) and finish way early as well (including as early as August or September) if you wish.
- For those testing on-campus, you can schedule to take any test on any Monday, Wednesday or any Friday that fits your schedule and your readiness. I will offer regular Monday/Wednesday/Friday testing, plus more!
- For distance students testing with proctor, you can pretty much set up testing times with your proctor for whatever time fits your mutual schedules. In the above schedule, I have listed suggested Tuesday or Friday days because those fit with my testing-on-campus times. But if you are testing using a proctor, you can arrange any day of the week that works for you and proctor.
- You can adjust on the fly, to some degree. For example, suppose you were planning to take Test 1 on Tuesday, Sept 18, but you realized that if you could study for a couple more days and take it on Friday, you could do much better. That would be OK. (Of course, it's all too easy to keep “moving tests back” only to run out of time, so be disciplined...)

Possible/Suggested 12-week Schedule (you can personalize it):

- This should involve about 5 lectures per week.

	Using 50-minute MSUM Panopto Videos http://web.mnstate.edu/jasperse/Online/Lectures360online.html
Test 1 Mon 9/17	<ul style="list-style-type: none"> • Lectures 1-10a • Finish lectures/Sapling by Monday, 9/10 • Digest/Practice/Integrate Tuesday-till-test
Test 2 Mon 10/8	<ul style="list-style-type: none"> • Lectures 10b-22 • Finish lectures/Sapling by Monday, 10/1 • Digest/Practice/Integrate Tuesday -till-test
Test 3 Mon 10/29	<ul style="list-style-type: none"> • Lectures 22-29 • Finish lectures/Sapling by Monday, 10/12 • Digest/Practice/Integrate Tuesday -till-test
Test 4 Mon 11/19	<ul style="list-style-type: none"> • Lectures 30-39 • Finish lectures/Sapling by Monday, 11/2 • Digest/Practice/Integrate Tuesday -till-test
Final Mon 11/26	<ul style="list-style-type: none"> • Study like crazy for the final! It's hard.

Possible/Suggested 10-week Schedule (you can personalize it):

	Using 50-minute MSUM Panopto Videos http://web.mnstate.edu/jasperse/Online/Lectures360online.html
Test 1 Fri 9/17	<ul style="list-style-type: none"> • Lectures 1-10a • Finish lectures/Sapling by Sat, 9/11 • Digest/Practice/Integrate Sunday-till-test
Test 2 Mon 10/1	<ul style="list-style-type: none"> • Lectures 10b-22 • Finish lectures/Sapling by Tuesday, 9/25 • Digest/Practice/Integrate Wednesday-till-test
Test 3 Fri 10/19	<ul style="list-style-type: none"> • Lectures 22-29 • Finish lectures/Sapling by Sat, 10/13 • Digest/Practice/Integrate Tuesday-till-test
Test 4 Mon 11/5	<ul style="list-style-type: none"> • Lectures 30-39 • Finish lectures/Sapling by Tuesday, 10/30 • Digest/Practice/Integrate Wednesday-till-test
Final Mon 11/12	<ul style="list-style-type: none"> • Study like crazy for a week! It's hard.

Possible/Suggested 8-week Schedule (you can personalize it):

- This should involve an average of at least one video lecture per day, weekends included.

	Using 50-minute MSUM Panopto Videos http://web.mnstate.edu/jasperse/Online/Lectures360online.html
Test 1 Mon 9/10	<ul style="list-style-type: none"> • Lectures 1-10a • Finish lectures/Sapling by Monday, 9/3 • Digest/Practice/Integrate Tuesday-till-test
Test 2 Mon 9/24	<ul style="list-style-type: none"> • Lectures 10b-22 • Finish lectures/Sapling by Monday, 9/17 • Digest/Practice/Integrate Tuesday-till-test
Test 3 Mon 10/8	<ul style="list-style-type: none"> • Lectures 22-29 • Finish lectures/Sapling by Monday, 10/1 • Digest/Practice/Integrate Tuesday-till-test
Test 4 Mon 10/22	<ul style="list-style-type: none"> • Lectures 30-39 • Finish lectures/Sapling by Monday, 10/15 • Digest/Practice/Integrate Tuesday-till-test
Final Mon 10/29	<ul style="list-style-type: none"> • Study like crazy for a week! It's hard.

Copy of "Full" Schedule Used by Regular "Face-to-Face" Class

Chemistry 360, Jasperse, Fall 2018 (43 class days)			Reading Assignment
Date	Topic		
1	Aug. 27	Intro; Structure, Nomenclature, Properties, Weak Acidity of Alcohols	10.1-10.6
2	Aug. 29	Synthesis of Alcohols; Organometallic Reactions.	10.7-10.9
3	Aug. 31	Synthesis of Alcohols; Organometallic Reactions.	10.7-10.9
		Skip 10.12	
4	Sept. 3	Side Reactions; Reduction of Carbonyl Compounds	10.10-10.11
5	Sept. 5	Oxidation of Alcohols	11.1-11.3
6	Sept. 7	Conversion of Alcohols to Tosylates or Halides; Uses of Tosylates and Halides	11.5-11.9
		Skip 11.4, 11.11-13	
	Sept. 10	Labor Day Holiday	No Class
7	Sept. 12	Miscellaneous; Chemical Tests; Multistep Synthesis	11.10, 11.14
8	Sept. 14	Retrosynthetic Analysis	
9	Sept. 17	Catchup, Multistep Synthesis Problems	Catchup
10	Sept. 19	Review for Test 1	---
11	Sept. 21	¹ H NMR Overview: Chemical Shift, Integration, and Splitting; ¹ H NMR Problem Solving	13.5-8
12	Sept. 24	¹ H NMR Overview: Chemical Shift, Integration, and Splitting; ¹ H NMR Problem Solving	13.5-8
T1	Sept. 26	Test #1 Covering Chapters 10-11.	Test 1
13	Sept. 28	¹ H NMR Problem Solving	13.5-8
14	Oct. 1	More Problem Solving; Complex Splitting; Stereochemical Nonequivalence of Protons	13.9-10
15	Oct. 3	¹³ C NMR; Infrared Spectroscopy	13.12-13; 12.11-12
16	Oct. 5	Spectroscopy Catchup, Integrated Problems	catchup
		(Focus on 13.5-8, 12-13; Skim 13.1-4, 9, 10; Skip 11, 14)	
17	Oct. 8	Ketones/Aldehydes. Nomenclature, Properties, Intro.	18.1-7
T2	Oct. 10	Test #2 Covering Chapters 12-13. 50 points.	Test 2
18	Oct. 12	Synthesis of Ketones/Aldehydes.	18.7-11
19	Oct. 15	Reactions of Ketones/Aldehydes	18.12, 14-17, 18-19
20	Oct. 17	Reactions of Ketones/Aldehydes	18.20-21
21	Oct. 19	Catchup; Enols and Enolates Intro. Acid/Base Considerations; Proton as Electrophile	22.1-2, 22.15
		(Skip 18.13, for now....)	
22	Oct. 22	Enols and Enolates Intro. Acid/Base Considerations; Proton as Electrophile	22.1-2, 22.15
23	Oct. 24	Halogenation; Alkylation; Double Activation; Ester Hydrolysis; Decarboxylation	22.3, 5, 15-17
24	Oct. 26	The Aldol Reaction (Aldehyde/Ketone as Electrophile)	22.7-11
		(Skip 22.4,6. 18, 19)	
25	Oct. 29	Claisen Reaction (Ester as Electrophile)	22.12-17
26	Oct. 31	Catchup	
27	Nov. 2	The Wittig Reaction and Alkene Synthesis; Catchup	18.13
28	Nov. 5	Catchup, Integrated Practice Problems.	Catchup
29	Nov. 7	Amines. Intro, Nomenclature, Properties; Basicity of Amines; Structural Factors; Salts	19.1-7
T3	Nov. 9	Test #3 Covering Chapters 18 and 22.	
30	Nov. 12	Reactions of Amines	19.10-13, 17-18
31	Nov. 14	Diazonium Chemistry; Amine Synthesis by Reductive Amination of Carbonyls	19.17-19
	Nov. 16	Veteran's Day, NO CLASS	No Class
		(Skip 19.8-9,14-16,24-25)	
32	Nov. 19	More Synthesis of Amines	19.19
33	Nov. 21	Carboxylic Acids: Nomenclature; Properties; *ACIDITY*; Salts; Soap; SYNTHESIS	20.1-5
34	Nov. 23	Acid Synthesis; Reactions	20.8-11
35	Nov. 26	Reactions of Acids: Nucleophilic Acyl Substitution; Carboxylic Acid Derivatives	20.13-15; 21.1-3
	Nov. 28	Thanksgiving Break	No class
	Nov. 30	Thanksgiving Break	No class
		(Skip 20.6,7,12)	
36	Dec. 3	Interconversions Among Acids and Derivatives; Synthesis and Mechanism; Catchup	21.5-7
37	Dec. 5	Interconversions Among Acids and Derivatives; Synthesis and Mechanism; Catchup, Practice	21.5-7
38	Dec. 7	Practice Problems	-
		(Skip 21.4)	
T4	Dec. 10	Test #4 Chapters 19-21	Test 4
	Dec. 14	Final Exam, Cumulative. FRIDAY, 11:30am, Langseth 104	Final Exam

*Note: On this schedule some lectures for a later test (for example Test 3) come before an earlier test (for example Test 1) has been completed.