

Table of Contents: Common Questions or Issues about Online Organic Chemistry

P2	<u>Is this the right course for you?</u> What kind of student demographic are these online Organic I and Organic II classes really targeting?
P3	<u>Links to Actual Online Organic Chemistry I and II Courses and their Syllabi and Lecture Video Pages</u>
P4	<u>How Does Testing Work?</u> Testing Options: Zoom, Using Proctor Local to You, or On-Site at MSUM
P5	<u>Organic I + II can be taken in one semester, including summer. (But it's hard and will take much work)</u>
P6	<u>Dates, Schedules: Go-At-Your-Own-Pace "Asynchronous". You Can Start Early. Flexibility. You can schedule your own test dates (to some degree)</u>
P7	<u>Will Online Organic be Easier than Regular Face-to-Face Organic?</u> NO WAY! Rigorous but Reasonable, Equal Difficulty
P8	<u>Will Online Organic be very different from regular Face-to-Face Organic?</u> No. Online Organic (I or II) is as Much Like "Normal" Course as Possible
P9	<u>What are the Advantages and Challenges of Online Organic Chemistry?</u>
P10	<u>What will it cost? MSUM Fall 2024, Spring, Summer 2025.</u> <ul style="list-style-type: none"> • ~\$1119.36 For MN, ND, SD, WI (reciprocity states) • ~\$2003.13 for other states.
P11	<u>Getting Registered for MSUM and for the Course:</u> Note: Notes about NDSU tricollege registration included.
P12	These are <u>FOR CREDIT Online Classes</u>
P12	This is an <u>ACS-accredited</u> program (American Chemical Society accredited)
P13	<u>What About Lab?</u> <ul style="list-style-type: none"> • You can't take lab online, only the lectures. • Organic Lab I and Organic Lab II are separate courses at MSUM (and NDSU).
P14	Do I have the <u>Technical Capacity</u> to play the online videos effectively?
P15	<u>Online Homework</u>
P16	The Challenge of Summer Pace (Especially if taking both O1 and O2 in the same summer)

Is this the right course for you? What kind of student demographic are these online Organic I and Organic II classes really targeting?

1. Science majors who need either one or two semesters of organic chemistry.
 - Chemistry majors, Biology majors
 - Pre-CRNA, pre-med, pre-PA, pre-pharmacy, pre-dentistry, etc. pre-health students.
 - Nurses looking to transition to CRNA, PA, or medical school
 - Prerequisites will not be a problem. One semester of a nursing-track chemistry course will be accepted for satisfaction of prerequisite requirements.
 - **Not** geared towards students who need a condensed one-semester course covering organic chemistry or both organic and biochemistry
2. Students who want to be well prepared for the organic chemistry content on standardized tests such as GRE, MCAT, PCAT, DAT, OAT, etc.
 - My alumni have done very well on the organic chemistry parts of those! 😊
3. Students who need an online class for whatever reason, but would like it to be as much like a “regular” live class as possible
 - Video lectures are recordings of actual recent live lectures
 - Anything I’d show on the screen, or say or write in my live lectures, is here!
 - Except you can pause and rewind, if you want, which makes it better yet!
4. Students who may need some scheduling flexibility.
 - a. The course will be “asynchronous”, basically go-at-your-own-pace.
 - b. I don’t dictate which days you take tests; you can schedule them as best fits your situation.
 - c. As long as you finish on time! Each course is formally scheduled over a 14-week period, but as long as you finish before the semester term ends, it’s OK.
 - d. Either Organic I or Organic II could be started early and/or completed early
5. Students who need the lecture(s), but will be able to take lab(s) as separate course(s).
 - Each of these is a 3-credit lecture course, obviously without an online lab!
6. Students who like to see and work lots of sample problems in class so that they feel like they understand what they need to be able to do and understand
7. Students who are self-motivated, self-disciplined, and have time
 - “I’ll do it later, I’ll do it later” won’t work!
8. Students who want a “rigorous and reasonable” organic chemistry course
 - a. Demanding course with high expectations
 - b. Covers same material that I teach during face-to-face fall-spring semesters
 - c. Limited pre-requisites: general chemistry is all
 - d. I want to make things as understandable as possible, and provide as many resources as possible so that students succeed

Links to Actual Online Organic Chemistry I and II Syllabi, Course Website, and their Lecture Video Pages

- clicking on the links should work, but if not you might need to copy and paste the url links into your browser to get them to open correctly.
- Syllabi won't change too much from semester to semester, so if you need approval from your department, printing one of these should work, even if it's a semester or two behind

Summer Versions:

1. **Syllabus** for **Organic Chemistry I**, CHEM350-online
<http://web.mnstate.edu/jasperse/Online/Syllabus350online-Summer.pdf>
2. **Syllabus** for **Organic Chemistry II**, CHEM360-online
<http://web.mnstate.edu/jasperse/Online/Syllabus360online-Summer.pdf>
3. **Website** for **Organic Chemistry I, including lecture videos**, CHEM350-online
<https://collaborate.mnstate.edu/public/blogs/jasperse/online-organic-chemistry-courses/online-organic-chemistry-i-350-summer/>
Classic-version website: <http://web.mnstate.edu/jasperse/Online/chem350online-Summer.htm>
4. **Website** for **Organic Chemistry II, including lecture videos**, CHEM360-online
<https://collaborate.mnstate.edu/public/blogs/jasperse/online-organic-chemistry-courses/online-organic-chemistry-ii-360-summer/>
Classic-version website: <http://web.mnstate.edu/jasperse/Online/chem360online-Summer.htm>

Fall/Spring Versions:

5. **Syllabus** for **Organic Chemistry I**, CHEM350-online
<http://web.mnstate.edu/jasperse/Online/Syllabus350online.pdf>
6. **Syllabus** for **Organic Chemistry II**, CHEM360-online
<http://web.mnstate.edu/jasperse/Online/Syllabus360online.pdf>
7. **Website** for **Organic Chemistry I, including lecture videos**, CHEM350-online
<https://collaborate.mnstate.edu/public/blogs/jasperse/online-organic-chemistry-courses/online-organic-chemistry-i-350-fall-spring/>
Classic-version website: <http://web.mnstate.edu/jasperse/Online/chem350online.htm>
8. **Website** for **Organic Chemistry II, including lecture videos**, CHEM360-online
<https://collaborate.mnstate.edu/public/blogs/jasperse/online-organic-chemistry-courses/online-organic-chemistry-ii-360-fall-spring/>
Classic-version website: <http://web.mnstate.edu/jasperse/Online/chem360online.htm>

Testing Options: Via Zoom, Using a Proctor Local to You, or On-Site at MSUM

1. **Testing:** The nature of organic chemistry requires drawing/illustrating complex structures for chemicals and electron movements during reaction mechanisms. As such it is not conducive to multiple-choice or short-answer questions. Written tests can be taken either via Zoom with me, on-site at MSUM, or by using a proctor local to where you live.
2. **Flexible Test Scheduling:** There are **not** fixed tests dates. To some degree, you can make arrangements to take the tests (within limits) at your own schedule. And you can start way early!
 - o You could individualize your schedule. Gone for a long weekend for a family vacation or a wedding or national guard? Having surgery and missing a week? You could work ahead as needed to ensure the ability to master all of the material.

3. Testing Options

- a. **Proctored Testing via ZOOM:** You make arrangements with me; I send you the test; and I monitor you online via ZOOM.
 - a. My Zoom-room link: <https://minnstate.zoom.us/j/8827046226>
 - b. [Email me to suggest a couple of time slots that could work for you, and I'll try to find one that can fit.](#)
 - c. [Most weekdays other than Tuesday will work. Sometimes evening testing or Saturday mornings testing is possible.](#)
 - d. [This is the normal default process used by most distance students.](#)
 - b. **Testing live at MSUM: Hagen 405/407J.**
 - I have a really nice conference room right next to my office.
 - Contact me regarding times that you might like.
 - Tuesdays won't be available, but other days I'll have lots of times that can work.
 - c. Live-Proctored Testing, local to you.
 - 1) This is not the normal process, but is an option for distance students in case, for whatever reason, the zoom-proctored testing is problematic.
 - 2) If necessary, this would typically take place at a local college, library, hospital, church or high school, etc., or with some other responsible individual.
 - 3) If necessary to use this process, **YOU** will need to email me the email, name, phone number, and job for your proctor; and email me a website for the organization that the proctor is a part of. (For example, if your church pastor is going to proctor your exam, I'd like to look him up to make sure he and the church really exist, before calling him to confirm! ☺)
 - 4) For proctored tests, I will email tests to the proctor who will print them. After a test is done the proctor will scan and email me the answers and destroy the printed copy.
4. **Testing time is 90 minutes.**
 - 1) Tests are structured so that a well-prepared student should be able to complete a test in 50 minutes or less. But by allowing 90 minutes, that gives extra time to work on problems that you might get stuck on; it provides time to check your work; it provides more space for students who don't work fast; and it provides enough cushion so that you can just focus on your test without being distracted by worrying about the clock.
 - 2) If you do take proctored tests, you will want to arrange for a 90-minute time block.

TESTS WILL NOT BE RETURNED. Given the flexible test-scheduling, I will not be able to send you copies of your graded tests. Local students can see graded test in my office, and Zoom-proctored may have that option too. This is one aspect of online organic that can't mirror regular class. But no practical way I can get around it. Sorry. ☺

Organic I + II can be taken in one semester. (But it's hard and will take much work)

1. It is possible to take BOTH Organic I AND Organic II during the same semester, whether that be summer or fall or spring.
 - Since fall and spring semesters are 16 weeks, that would allow for ~8 weeks per course. Budget ~20 hours per week on average!
 - Since the summer semester is only 11 weeks long, completing both courses in one summer would allow for ~5 weeks per course.
 - (For example in 2020, complete Organic I no later than June 16, and then Organic II by July 29).
 - Budget ~32 hours per week on average. That's a strong commitment; it would need to be your priority thing during the summer, not something to do "on the side" while working fulltime!
 - For summer, starting early really helps.

2. See the class websites for suggested schedules, including plans that would accommodate completing both courses in the same semester. (These are flexible)
 - Ex, Summer
 - a. Some Organic I suggested schedules:
 - <http://web.mnstate.edu/jasperse/Online/Test-Scheduling-Summer350.pdf>
 - b. Some Organic II suggested schedules:
 - <http://web.mnstate.edu/jasperse/Online/Test-Scheduling-Summer360.pdf>
 - Really serious time commitment during the summer weeks is essential. You want this to be your "full-time job" during the summer. I estimate you should budget ~32 hours-per-week on average.
 - For summer, starting early really helps.
 - Ex, Spring:
 - a. Organic I suggested schedules
 - <http://web.mnstate.edu/jasperse/Online/Test-Scheduling-Spring350.pdf>
 - b. Organic II suggested schedules
 - <http://web.mnstate.edu/jasperse/Online/Test-Scheduling-Spring360.pdf>

Notes:

1. Detailed suggested lecture-schedules and test schedules will be made available for each Plan.
2. Real people with real scheduling complexities can make adjustments as needed
 - Weddings, National guard, Reserve, Sickness, Missions Trip, Pre-planned family gatherings, Work emergencies, Family needs, Etc.
3. Starting Early is well possible.
 - The videos will be available well in advance of the formal start days.
4. Contact Dr. Jasperse to perhaps discuss your specific situations and discuss what kind of a schedule might work best for you.

Dates, Flexible Schedules: Go-At-Your-Own-Pace “Asynchronous”.

1. **FLEXIBILITY.** You can schedule your own test dates (so long as you finish by end of semester.)
2. For the “Official” semester start date, see the class syllabus.
 - You can start earlier, much earlier, if you want
3. **Semester Completion date: Check the class syllabus!**
 - a. You can finish early, and you can start early (or late), but **you MUST FINISH BY END DATE**
 - b. MSUM academic calendar: <https://www.mnstate.edu/academiccalendars.aspx>
4. **YOU CAN START EARLY, AND/OR FINISH EARLY.** (But must finish by end-date deadline.)
 - I will try to have all course materials ready/online at least a month (usually many months) early
 - Since lectures and learning materials are online, **you don’t need to wait for the official university semester start dates to actually start.** You could start sooner.
5. **“GO AT YOUR OWN PACE”/ASYNCHRONOUS.** **Self-schedule your tests.**
 - As long as you complete all of the tests by the end of the semester, test dates are otherwise unfixed/undefined. Some suggested planning schedules are shown on the following pages.
 - Online Homework assignments likewise have no fixed due dates, other than end-of-semester
 - For distance students testing with proctor, **you can pretty much set up testing times with your proctor for whatever time fits your mutual schedules.**
 - For those **testing on-campus**, I will offer several regularly scheduled testing times each week (see syllabus), but am also able to accommodate a lot of by-arrangement special times that would fit your schedule.
 - **You can adjust on the fly**, to some degree. For example, suppose you were planning to take Test 1 on Monday, but you realized that if you could study more and take it on Wednesday, 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...)
6. For each individual test, **plan to finish the regular lectures a week (or most of a week) prior to when you actually intend to test**, so you have time to practice. Practice makes perfect!
 - Organic has LOTS of information. Tests will require that you know how to USE the info.
 - So, **doing a lot of practice problems, practice sets, and practice tests is crucial for test preparation.**
7. **“IT’S EASY TO PROCRASTINATE AND FALL BEHIND. TRY TO SET UP AN AGGRESSIVE SCHEDULE FOR YOURSELF SO THAT YOU GET DONE EARLY.** **THAT WAY IF YOU DO HAVE SOME SETBACKS, YOU’LL HAVE SOME CUSHION TIME.**
 - If you schedule to take the full 16 weeks (fall/spring) or 11 weeks (summer), that will leave you no cushion in case job or other classes or personal issues create a scheduling crisis and leave you unable to prepare adequately.
 - If you **schedule to finish early, that provides some “extra” weeks in case you need them.** Or, if you finish Organic early, then it won’t be competing for limited time late in the semester when you’re perhaps cramming to finish papers, projects and final exams in other classes.
8. **PROCTORED TESTS WILL NOT BE RETURNED.** Given the flexible test-scheduling, I will not be able to send you copies of your graded tests. Sorry. ☹

“Rigorous but Reasonable”

1. It's Organic Chemistry! Do you expect it to be easy? Of course not!
2. “Online” does not mean “Easy”!
 - These online Organic I and II courses are demanding courses with high expectations
3. I cover the same material in the online courses that I teach during full face-to-face fall-spring semesters. No more, no less; no harder, no easier.
4. I want to make things as understandable as possible, and provide as many resources as possible so that students can succeed. This includes:
 - lots of sample problems in class (as many as possible)
 - lots of good notes, so that we can spend a lot of class time on application
 - practice sets outside of class, with answer keys and videos discussing.
 - multiple practice tests, again with answer keys and videos explaining.
 - Online homework system, which always provides immediate right-wrong feedback and sometimes provides variably effective explanations or tips
 - Usually I'm pretty fast on email response, phone response, or office-hours
5. I want to maximize learning efficiency. Every student has competition for their time; so I don't want to waste either our “in class” time, or the time you spend on studying.
 - I want time spent “in class” and out of class to be as learning-rich as possible.
6. Students in past have considered the pacing of class and the problems and practice tests to be very effective.
7. These are not super elitist courses. Minnesota State University Moorhead is a great school, but I won't assume everybody would be top students at Harvard or Yale!
8. The only pre-requisite for Organic I is general chemistry; and for Organic II the prerequisite is Organic I. Contact me if you're uncertain about whether your particular background would be OK or not.

Online Organic (I or II) is as Much Like “Normal” Course as Possible

1. I cover the same material in the online courses that I teach during my regular full fall-spring semesters. No more, no less; no harder, no easier.
2. Lectures are recordings of my actual recent live lectures
 - Anything I'd project on the screen in a live classroom will be shown here.
 - Anything I'd say in a live classroom will be said here.
 - The pacing will be the same as for my live classes.
 - Content-wise, it's just the same!
3. Pause and rewind: an online advantage!
 - In live class, if I talk too fast or a student is distracted, the moment is gone.
 - With the videos, you can rewind and review, and whenever you want.
4. Speed control: an online advantage!
 - If English is your second language, you can set the videos to play a little bit slower.
 - You can also set the videos to play a little bit faster.
5. Self-discipline/self-motivation/procrastination: the online challenge!
6. Study groups and sense of community and shared challenge is lost or harder.
 - In a regular class, you may study with friends, discuss problems with friends, and encourage each other if one gets discouraged.
7. You won't get your graded tests back, and for students using proctoring you won't be able to see them. Not nice. This is one aspect of asynchronous online organic that can't mirror regular class. But no practical way I can get around it. Sorry. Students taking tests locally will have opportunity to view their graded tests in my office, or immediately following the tests, but will otherwise not be allowed to keep them.
8. Can I get help from the teacher?
 - For local students, I will still have office hours
 - I am usually very responsive to emails or phone calls.
 - “Virtual office hours” is not impossible but is rather difficult for distance students.

Advantages and Challenges of Online Organic Chemistry Courses

1. Content Advantage: Pause and rewind!
 - In live class, if I talk too fast or a student is distracted, the moment is gone.
 - With videos, you can rewind and review explanation on difficult stuff
 - Sometimes, something made sense in class. But that night or days/weeks later, you don't remember the logic. With the videos, you can review.
2. Content Advantage: Speed control.
 - If English is your second language, you can set the videos to play slower.
 - You can also set videos to play faster.
3. Self-discipline/self-motivation/procrastination: the online disadvantage!
 - Neither your friends nor I will be able to see if you're "not showing up".
4. Study groups are harder, and the sense of community and shared challenge is lost.
 - In a regular class, you may study with friends, and discuss problems with friends, and encourage each other if one gets discouraged.
5. You won't get your graded tests back, and for students using proctoring you won't be able to see them. Not nice. This is one aspect of asynchronous online organic that can't mirror regular class. But no practical way I can get around it. Sorry. Students taking tests locally will have opportunity to view their graded tests in my office, or immediately following the tests, but will otherwise not be allowed to keep them.
6. Getting help from the teacher via office hours is different/harder.
 - For local students, I will still have office hours
 - I am usually very responsive to emails or phone calls.
 - "Virtual office hours" is not impossible but is rather difficult for distance students.

Price Summary: (Tuition + fees) Depends on State of Residence

Fall-2024/Spring-2025/Summer-2025

1. MN, ND, SD, WI: ~\$1119.36 (MN, reciprocity states).
2. Other states: ~\$2003.13
3. Application to MSUM costs an additional \$20

Price factors details, as of Fall 2023: (I think. ☺) (These will apply for Fall 24, Spring 25, and Summer 25)

- Class fee: ~\$235.59 (for 3-credit class)
 - Class fee is fixed regardless of state student is from
- Tuition. \$294.59-per-credit x 3 credits = 883.77-per-3-credit-course is Minnesota-resident tuition rate
 - **Minnesota Residents: \$1119.36 total**
 - Tuition = \$883.77 + ~\$235.59 class fees = **\$1119.36 total**
 - **Reciprocity states** have same cost (ND, SD, WI):
 - Tuition = \$883.77 + ~\$235.59 class fees = **\$1119.36 total**
 - **Other states** pay tuition at 200% the Minnesota-resident:
 - Tuition = \$1767.54 + ~\$235.59 class fees = **\$2003.13 total**
 - **Tri-college students:** Tuition is waived for tri-college students.
 - But ~\$50 of class fee DOES apply to tricollege/NDSU students, and must be paid to MSUM.

Reciprocity States

- **Reciprocity states: (SD, ND, WI): ~\$1119.36 per-course** (same as MN resident.)
 - South Dakota: automatic reciprocity: you don't need to do anything
 - Wisconsin: you need to fill out a reciprocity form
 - <http://heab.state.wi.us/reciprocity/index.html>
 - North Dakota: you need to fill out a reciprocity form
 - <http://www.ohe.state.mn.us/hesod/NDReciprocity/>
 - Can contact Sue Bertsch Helm for help. susan.bertsch@mnstate.edu, 218.477.2521
- **Other States: ~ \$2003.13 -per-course (Fall 24-Summer 25)**
- Key websites:
 - Tuition: <https://www.mnstate.edu/cost-aid/undergraduate/>
 - Reciprocity <https://www.mnstate.edu/registrar/residency-reciprocity/#:~:text=A%20student%20in%20non%20resident,until%20reciprocity%20has%20been%20approved.>

For NDSU Students: Does Tricollege work?

- a. Direct enrollment via MSUM (part-time student) is always possible, and cheaper than tri-college in summer
- b. Fall 2024:
 - a. Organic II: tri-college enrollment is possible. NDSU doesn't offer O2.
 - b. Organic I: tri-college enrollment only with special permission. NDSU offers O1.
- c. Spring 2025:
 - a. NDSU offers both O1 and O2. So, tricollege registration is possible only with special permission.
 - b. Direct MSUM enrollment will work;
- d. Summer 2025:
 - a. NDSU offers neither O1 nor O2. So tricollege registration is possible for either course.
 - b. Direct enrollment as a part-time MSUM student will work.
 - c. For summer 2024, direct MSUM enrollment is cheaper than tricollege registration. **North Dakota residents save \$265.47 and Minnesota residents save \$403.38** by registering through MSUM.

Craig: Process for Determining Price, as of Fall 2024.

- Click the General MSUM Price Link: <https://www.mnstate.edu/cost-aid/undergraduate/>
- Click "Tuition & Fee Rates" (bottom of page), then click "Undergraduate Tuition Rates"
- Under "Fall 2024 - Summer 2025 Tuition & Fee Rates", click "Minnesota Residents and ND & WI Residents with Reciprocity" to get 3-credit tuition. Same for "Out-of-State Residents.."
- Find the composite fees from e-services course list:
 - https://eservices.mnstate.edu/registration/search/basic.html?campusid=072&_ga=2.247618436.2075785993.1517609562-1693962658.1517609562
- Link specific for non-degree-seeking students: <https://www.mnstate.edu/admissions/non-degree/cost-aid/>

Getting Registered for MSUM and for the Course, for non-MSUM Students:

- **Special Note for NDSU Students: Tricollege registration is available for summer, and for Organic II for the fall.**

1. **APPLY TO MSUM as a “Non-degree seeking student”:** <https://www.mnstate.edu/admissions/apply-now/>. (Select “Undergraduate Application”, then “non-degree seeking student”).

a. Online: Click the “Apply Online” button (from above link).

- **Create StarID first, and a password. Record these so you can access later! ☺ (You’ll need them!)**

- https://eservices.mnstate.edu/adm/public/studentWelcome?campusId=072&appType=undergrad&_ga=2.206061393.33361417.1599496993-2046871640.1599278883

- Don’t bother to fill in several pages about HS background etc.

- **Be sure to mark “Complete courses and transfer without a degree” and “Part Time Student” buttons**

- On page where it says “Major-Academic Program”, don’t enter anything
- Please do ****NOT**** click promo code towards the end, if you see something like that.
- **\$20 fee** at the end; should be box that says “Pay Now”; click on that and be able to submit payment
- If prompted for an immunization report: immunization records are NOT required for admission to be completed, or for your first semester enrolled at MSUM. (But for a second term, they will be required.)

b. You will not need to send official transcripts from your school for MSUM application.

c. **Approval usually takes 1-7 days** but may be expedited. You will be notified by both email and snail-mail.

d. **Deadlines:**

- **MSUM application** by the Wednesday prior to the start-of-semester is preferred; but later applications will also work, and there are late-application workarounds possible even after that.
- Later application is well possible: a contact person who may be able to expedite admission is Audrey Cloe Messner in admissions. (Email: audrey.cloe@mnstate.edu; office 218.477.2559; cell 218.304.7676).
- To request late-admission/registration workarounds, contact both Audrey Cloe Messner in admissions (Email: audrey.cloe@mnstate.edu; office 218.477.2559; cell 218.304.7676) and jasperse@mnstate.edu.
 1. Or see: <http://web.mnstate.edu/jasperse/Online/Late-Application-Registration-Instructions.pdf>
- **If you don’t get ≥\$300 payment in by start of semester, you’ll get dropped from class roster.**

2. **Register: Actually register for the course(s):** <http://www.mnstate.edu/eservices/>

a. You’ll need your StarID and password to login. (There are prompts if you’ve forgotten.)

b. Your admission into MSUM will need to have been completed before you can register.

c. For when registration opens for distanced students, check on the class website.

d. **Pay First: After registering, pay ≥\$300 by start of semester, or you’ll get dropped from class roster.**

e. **Pay Rest: If you don’t complete your payments, your grade will never be released!**

f. Can pay online (<https://www.mnstate.edu/eservices/>), or use debit/credit card on phone to business office: 218.477.2242

g. Payment reminders are emailed to your MSUM email, which you may not check? So remember to pay!

3. **Tuition+Fees: Varies by State. (Numbers listed are for Fall 2023, may inflate subsequent semesters ...).**

- **\$1119.36:** Minnesota, SD, ND, and WI (reciprocity states). [Note: cheaper than NDSU! ☺]
- **\$2003.13:** Other states
- Reciprocity agreements: <https://www.mnstate.edu/registrar/residency-reciprocity.aspx>

4. **For NDSU or Concordia Students: Does Tricollege work? Yes, in summer for O1 or O2, and for Fall for O2.**

- a. **Summer 2024: Tri-college enrollment will be possible; direct enrollment via MSUM will work. For summer, direct MSUM enrollment is cheaper than tri-college. North Dakota residents save \$265.47 and Minnesota residents save \$403.38 by registering through MSUM.**

These are FOR CREDIT Online Classes**This is an ACS-certified program (American Chemical Society certified)**

- Be careful of online classes that are not for credit!

For non-MSUM students, printing a copy of the syllabus (for this year or last year if I don't have this year's up yet) **may be useful** (click on the links to the main Organic Chemistry I or II content web pages.)

- Your advisor or department chair may want to see these in order to approve these courses for your school.
1. Organic I syllabus:
 - <http://web.mnstate.edu/jasperse/Online/Syllabus350online.pdf>
 - <http://web.mnstate.edu/jasperse/Online/Syllabus350online-Summer.pdf>
 2. Organic II syllabus:
 - <http://web.mnstate.edu/jasperse/Online/Syllabus360online.pdf>
 - <http://web.mnstate.edu/jasperse/Online/Syllabus360online-Summer.pdf>

What About Lab?

1. Online lab is not available! 😊 (Surprise!)
 - a. I do know about one or two schools that do offer online o-chem labs. Contact me if you want more information.
2. Lab (1 credit) and lecture (3 credits) are separate courses at MSUM. They do not need to be taken concurrently.
3. Non-MSUM students: if your school has combined organic lecture/lab course, then my online lecture-only courses will presumably not transfer well or work well for you. But if your school also has labs separated, as at MSUM, then these courses will transfer well.

Do you have the Technical Capacity to play the online videos effectively? And Downloading so you don't need to have streaming internet.

- These are pretty standard videos. So, if you have internet access, you should be fine.
- Kaltura test (this is just a standard video):
 - https://mediaspace.minnstate.edu/media/360-AL05-Alcohol-to-Alkoxide-Ether/1_6le0fu0n
- To be able to download as mp4 files, see note in syllabus.
- While Kaltura doesn't have a specific "diagnostics" page, there is a nice "Tegrity" diagnostic page.
 - <https://athens.tegrity.com/#/diagnostic>
 - Tegrity is a different video-server than Kaltura. But usually if your device satisfies all or most of the the Tegrity diagnostics check boxes, it will also be suitable for Kaltura videos.

For additional syllabus information regarding technical capacity expectations and technical support, see **Technical Skills** and **Technical Support** sections later in syllabus.

Online Homework:

1. Sapling online homework:
 - <http://www2.saplinglearning.com>
 - See links from regular class website

2. Provides:
 - Good practice
 - Immediate feedback
 - Some (not all) problems give some feedback on wrong answers
 - Many problems give some tips for solution

3. Effort-based boost to grades. (It's easier to score high on Sapling than on tests)

The challenge of summer pace: Enough Time and Enough Commitment are Essential

1. This has nothing to do with being online; it has to do with the speed of a summer class being faster than a normal fall or spring class!
 - Especially if you're going to try to complete BOTH Organic I AND Organic II in the same summer!

2. A normal fall/spring semester has 16 weeks.
 - Average 10 hours per week => 160 hours of time invested total
 - Basically $\frac{1}{4}$ of a full-time student load.

3. Consider some summer-schedule variations:
 - a. 11 week period (mid-May to end-of-July or first-week-of-August):
 - $16/11 \times 10 \text{ hours} = 14.5 \text{ hours/week}$
 - Basically $\frac{1}{3}$ of a full-time student load.
 - b. 8-week period
 - 20 hours/week
 - Basically $\frac{1}{2}$ of a full-time student load
 - c. 5 weeks period (wanting to knock off BOTH O1 and O2): Organic I during early part of summer (May and early June), then Organic II during late June and July
 - $16/5 \times 10 \text{ hours} = 32 \text{ hours/week}$
 - Basically $\frac{3}{4}$ of a full-time student load

4. If you are trying to get through BOTH Organic I AND Organic II during the same summer, that's basically your primary, almost full-time job.
 - Time and commitment essential! ☺☺.

5. Practical: If you expect to excel, don't be expecting to do summer organic courses (online or live) while working a full-time job.

6. Practical: Don't plan to get through Organic I in 5 weeks while working 25 hours a week, playing softball two nights a week, spending a lot of time on dates or with friends, and missing two weekends for weddings or fishing! ☺☺☺

7. Practical: You can start early! **IF** you started Organic I earlier, (and you can), that would allow more time to get everything done, particularly if wanting to complete both courses.

8. Practical: **IF** you are wanting to complete both O1 and O2 in the same summer, but aren't sure, I have a couple of workarounds.
 - Could register for both, but withdraw from O2 by mid-June without \$\$ penalty if it becomes evident you'll not successfully complete both.
 - I also have a "change-of-grade" process for allowing you to finish late.
 - Sometimes a student withdraws from SUMMER O2, but then just re-enrolls for Fall O2. But still does O2 work during summer, just without the deadline looming. (listen to comments, I'll talk this through there...)