

Syllabus for Math 220, Spring 2021

Instructor: Sarka Petrickova, petrckv2@illinois.edu

Virtual Office Hours: TBA

Course webpage: <https://learn.illinois.edu/> (moodle)

Students will need to purchase WebAssign. Please read the following paragraph carefully:

Homework & Book: Homework will be on the online system WebAssign, which automatically comes with the eBook that we will be using, Stewart's Calculus, Early Transcendentals, 8th edition. (You will NOT need to purchase a physical copy of the textbook.) Access to WebAssign and the eBook will be free during the first two weeks of the semester. After that, you will need the access code, which can be purchased at the University Webstore at <https://webstore.illinois.edu/shop/search.aspx?keyword=stewart>. There are basically two purchase options: multi-semester (\$109) and 1-semester (\$76.50). It is up to you which one you choose. The same system (and the same eBook) is used in Calculus I, II, III, so if you plan to take Calc II, it is probably worth your while to purchase the multi-semester option. Note that other classes that use Webassign (Diff Eq, Linear Algebra) use a different book and your calculus access will not transfer to those other classes. If you have several classes this semester that use WebAssign, you might want to look into Cengage Unlimited. For more details see <http://go.illinois.edu/CalculusBookInfo>.

Course Description:

This is a standard first course in Calculus. Topics for this course include functions, limits, continuity, the derivative, differentiation of algebraic and trigonometric functions with applications including curve sketching, anti-differentiation and applications of integrals, the Riemann sum, and the Fundamental Theorem of Calculus. More info about the course **here:** <https://math.illinois.edu/resources/departments-resources/syllabus-math-220>

Grades:

The final grade will be computed based on these percentages:

- WebAssign 15% (Lecture-quizzes 5% + Homework 10%)
- Participation in discussion sections: 10%
- 6 Midterm Exams: 50% (Highest five scores: 10% each.)
- Final Exam: 25%

Grade cutoffs:

A+ above 97, A above 93, A- above 90

B+ above 87, B above 83, B- above 80

C+ above 77, C above 73, C- above 70

D+ above 67, D above 63, D- above 60

F below 60

WebAssign (15%)

Lecture-quizzes (5%): You will be asked to watch prerecorded videos and answer simple questions every Monday, Wednesday, Friday. We really want students to complete these lecture -quizzes on the day of the lecture because the material will be in the worksheet the next day (Tuesday and Thursday). To encourage students to start working early, there will be extra credit for lecture-quiz questions finished on or before the day of the lecture.

Homework (10%): Homework will be assigned for each lecture.

You should always try to finish the homework before the next lecture. The hard deadline will however be two lectures after it was assigned:

Lecture-quiz* and Homework from Monday's lecture will be due Friday 11:59pm, Illinois Time.

Lecture-quiz* and Homework from Wednesday's lecture will be due Monday 11:59pm, Illinois Time.

Lecture-quiz* and Homework from Friday's lecture will be due Wednesday 11:59pm, Illinois Time.

(* 10% Extra credit for Lecture-quiz questions finished on or before the day of the lecture.)

All assignments for the week will be released by Sunday 8am, so you can start working on them early.

There are NO EXTENSIONS (no late homework will be accepted). Your 2 lowest Lecture-quiz scores and 2 lowest homework scores will be dropped at the end of the semester.

To access WebAssign, login here using your U of I netid and password:

- <https://www.webassign.net/uiuc/login.html>

To ensure your HW scores are correctly recorded, you should always use the above link to access WebAssign. You may need to wait 24-48 hours after registering for the course to be able to log in to WebAssign. For technical problems, contact [WebAssign student support](#).

Participation (10%)

Active participation in the online learning environment is vital to your success in this course.

Discussion sections on Tuesday/Thursday will be mostly be Live via Zoom. Links to Zoom meetings will be available on the course webpage in the tab called 'Zoom'. These will be run by a graduate Teaching Assistant (TA). The TA will break you into small groups (3-4 students) where you will work on a worksheet focused on the topics you learned in lecture videos from the previous day. Worksheets will be graded for effort and participation with emphasis on working together as a group. Missing a worksheet results in a score of zero, but the lowest 2 scores in this category will be dropped. You must be on time and stay for the whole discussion section to obtain any participation points.

Your 2 lowest worksheet scores will be dropped at the end of the semester.

Midterm Exams (50%)

We will have six short midterm exams, first one during the third week and then every two weeks. All our midterm exams will be on Thursdays 7pm- 7:50pm. The conflict exams will likely be: the same evening (Thursday 8pm-8:50pm) and the morning after (Friday 8 AM-8:50 AM).

- All our exams will be online on [PrairieLearn](#) and will be proctored through the Computer Based Testing Facility ([CBTF](#) online).
- No books, no notes, no calculators.

Tentative exam schedule (will be confirmed by January 25):

Exam	Date	Material Covered
Midterm 1	February 11	Weeks 1--3
Midterm 2	February 25	Weeks 3--5
Midterm 3	March 11	Weeks 5--7
Midterm 4	March 25	Weeks 7--9
Midterm 5	April 8	Weeks 9--11
Midterm 6	April 22	Weeks 11-13

Every Midterm Exam will contain one problem from a lecture, one problem from a worksheet, and one problem from a WebAssign homework.

Final Exam (25%)

This will cover all class material.

Regular time: TBA

Conflict times: TBA

Netiquette:

Write clearly and professionally. In any course-related communication (emails, chats, discussions), use standard proper English with correct grammar. Stay on topic. Whether you are writing a discussion post or a message to your instructor, stay focused on the topic. In an online course, most communication is done through written messages either in private posts or public discussions. It is important that students in online courses be especially sensitive to how messages and sentiment are communicated and received. Remember you are communicating with real people. Be kind and ethical. Do not belittle other students or the TAs or the instructor. You may disagree with what someone says, but focus on the issue, not the person. Instead, be overly kind. Thank people for their response. Let them know you appreciate their time, how quickly they responded, etc. **Behave online as you would in person.** Be forgiving of the mistakes of others. Thank you!

Academic integrity

Violations of academic integrity will be taken seriously, and will be handled under the procedures of [Article I, Part 4 of the student code](#).

Resources for students with disabilities:

To obtain disability-related academic adjustments or auxiliary aids, students with disabilities should contact the course instructor and Disability Resources and Educational Services (DRES).

To contact DRES, you may visit 1207 S. Oak St., Champaign, call 333-4603, e-mail disability@illinois.edu or go to the [DRES website](#).

Support resources and supporting fellow students in distress

As members of the Illinois community, we each have a responsibility to express care and concern for one another. If you come across a classmate whose behavior concerns you, whether in regards to their well-being or yours, we encourage you to refer this behavior to the Student Assistance Center (333-0050) or online at odos.illinois.edu/community-of-care/referral/. Based upon your report, staff in the Student Assistance Center reaches out to students to make sure they have the support they need to be healthy and safe.

Further, we understand the impact that struggles with mental health can have on your experience at Illinois; significant stress, strained relationships, anxiety, excessive worry, alcohol/drug problems, a loss of motivation, or problems with eating and/or sleeping can all interfere with optimal academic performance. We encourage all students to reach out to talk with someone, and want to make sure you are aware that you can access mental health support at the Counseling Center (counselingcenter.illinois.edu) or McKinley Health Center (mckinley.illinois.edu). For mental health emergencies, you can call 911 or walk-in to the Counseling Center, no appointment needed.