

Course Number: Math 225

Section Number: Section 001

Course Title: Calculus 1

Instructor: Grant Kopitzke

Instructor Email: gpkopitzk@uwsp.edu

Class Meeting Time: Online, asynchronous, May 28th - July 19th

COURSE DETAILS:

Communication: The best way to get ahold of me is by messaging me on Canvas or emailing me. If you message or email me during the week (before 6pm) I will usually respond to your email within a few hours. If I need to get ahold of you I will message you on Canvas or email you using your UWSP email address. I expect that you will be checking your Canvas messages and UWSP email at least twice per day. I highly recommend downloading Microsoft Outlook on your phone and adding your UWSP email account to Outlook - that way you will be immediately notified if you receive an email.

Office Hours: Since everyone's schedules are all over the place during the summer, I won't be holding regularly scheduled office hours. However, if you have any questions at any time during the work-week, please email me and we can set up a time to meet via Zoom. I have an iPad with an Apple Pencil that I can use to sketch out solutions to problems during office hours.

Textbook:

Calculus Volume 1 (link: <https://openstax.org/books/calculus-volume-1/pages/1-introduction>[Links to an external site.](#))

This book is open-source and freely available on OpenStax. If you like, you can order a hard-copy of the textbook on Amazon, although this will not be necessary.

Computer Technology Requirements: A computer (mac or pc) with a working webcam and microphone will be required to participate in this course. You will also need a stable internet connection that can be trusted to operate uninterrupted in at least 1-hour intervals (minimum). A phone or iPad will not be sufficient for your proctored online exams and quizzes. Your computer will also need to have the Google Chrome web browser installed, as that is the only browser that is supported by Honor Lock. A tutorial on how to download Google Chrome and how to set up Honor Lock will be provided for you within the first week of the course.

Honorlock details: I will be using Honorlock to proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, a functional microphone, a stable Internet connection, and the Chrome browser.

Before you get started, please review the Honorlock Student Information module in Canvas to familiarize yourself with Honorlock. All exam proctoring services, including Honorlock, can seem invasive because of the way they function. Honorlock will record your webcam, audio, and computer screen during your exam to help ensure integrity of the course for all users. Honorlock has been vetted and approved by both UW-Stevens Point and UW System, to ensure that it meets security and privacy requirements.

I strongly encourage you to take the [Honorlock HonorPrep Guided Tour \(Links to an external site\)](#). The tour will take about 7 minutes and will help you learn about Honorlock and it will allow you to ensure your computer will function during an exam.

You are strongly encouraged to take the Honorlock Practice Quiz before attempting any graded quizzes or exams. The Honorlock Practice Quiz will allow you to test Honorlock to ensure you are comfortable using the system and to ensure that your computer will function properly.

Honorlock support is always available. If you encounter any issues, you should contact [Honorlock Live Support \(Links to an external site\)](#).

If you encounter issues with Canvas, please contact Canvas Support directly by clicking the Help Button (question mark inside a circle) located at the bottom of the left navigation bar in Canvas.

If you have concerns about exam proctoring, please contact me directly.

Note about "dual monitor" setups: If you have a laptop with an external monitor, or a gaming setup with multiple screens, Honorlock will only work if you disconnect all but one monitor (for laptops, this means you can only use your laptop screen).

Calculators: Many of the lecture videos will include tutorials that show how to use the ti-84 graphing calculator to do calculus. However, a ti-84 will not be required - only a scientific calculator (ti30, Casio fx115, Casio fx300, or Casio fx991 - these are all under \$20) will be necessary to do everything in this course. On homework and quizzes, you can use whatever calculator you like (except for an internet or phone app calculator). On exams, however, you will only be able to use the on-screen scientific calculator.

Course Content: We will cover (roughly) sections 1.1-6.3 and 6.7 in the textbook.

Time Commitment: An ordinary 16 week Calculus 1 course is worth 5 credits. This means that you would spend approximately 5 hours per week in class. In addition to class time, the standard "rule of thumb" for college courses states that students should spend between 2 and 3 hours outside of class (studying and doing homework) for every 1 hour spend in class. If you do the math (and ignore final exams), this comes out to approximately 80 hours spent in class, and a minimum of 160 hours spent outside of class. Since this 8-week summer course covers all the same material that is ordinarily covered in a 16 week semester-long course, you can expect to spend roughly 10 hours per week watching lecture videos/reading the text/taking quizzes and exams, and 20 hours per week working on homework/studying/completing assignments. This equates to approximately 2 hours per day watching lecture videos/reading the text/taking quizzes and exams, and approximately 4 hours per day working on homework/studying/completing assignments. I estimate that a hard-working student with a solid background in algebra and trigonometry will spend between 1 and 2 hours per day watching lecture videos, and between 1 and 2 hours per day completing homework assignments. A 5-credit, 8-week, summer course is almost equivalent in workload/time to a full-time job. Please take a moment to acknowledge this time commitment and consider if you are able to commit to this workload. This also means that if you were planning to go on vacation between 5/28 and 7/19, you will need to bring your computer and Calculus materials with you, and work on Calculus while on vacation. There is no time for weekdays off during this course.

GRADES AND ASSIGNMENTS:

Lecture Videos (0% of your grade): Every day you will be assigned (roughly) one to two hours of lecture videos to watch. These videos will be posted to Canvas as a playlist, and you will need to watch each of them in order to unlock the next day's videos and assignments. These lecture videos will rarely be created by me, but I have spent a lot of time curating this collection of videos. They have been selected because I believe them to be the best (or at least, the most thorough) description of that day's material. You are not required to watch the lecture videos, but it is highly recommended. If you find that the lecture videos are not helpful for you, you can also read the corresponding section of our textbook, which will always be linked in the same module as that day's homework assignment.

Homework (15% of your grade): Every day you will have a homework assignment to complete on Canvas. These homework assignments will be automatically graded, and will consist of the material from that day's lecture videos and readings. Each day's homework assignment will be automatically unlocked once you've completed the previous day's assignments.

You will have 5 attempts at each homework problem. The first three will have no points deducted, but attempt 4 will result in a 5% point deduction for that part of the problem, and attempt 5 will result in an additional 5% point deduction (10% total).

Homework will be due at the end of each weekday (11:59 pm), and late work will not be accepted. The only time late homework assignments will be accepted is if you use a "Latepass". You will start the course with 3 Latepasses that can be used at any point. Each Latepass will extend the due-date for an assignment by 24 hours. For example, if you forget to complete an assignment on Wednesday, 5/29, you can use a Latepass on Thursday 5/30 to make the assignment due that night instead of Wednesday night. If you waited until Friday 5/31 to use a Latepass for Wednesday's assignment, it would still be due on Thursday 5/30 - this is because each Latepass adds 24 hours to the due date/time.

3 Online Quizzes (10% of your grade [~3.3% each]): You will have an online quiz on three Fridays during the semester (see the course schedule for specific dates). These will essentially be "mini exams", and will use Honorlock. If you are well prepared, these quizzes *should* take 30 minutes to complete, but you will have 1 hour to complete all the problems. You will need to write up a full solution to each problem on scratch paper. When you are done with your quiz (before you "submit" the quiz and Honorlock stops recording) you will need to show each page of your work to the camera, so that I can verify it is indeed your work that you are submitting. Once you submit the quiz, you will then need to take photos of each page of your solutions and attach them as a comment on the quiz assignment on Canvas, or email them to me. I will compare your submitted solutions to those you showed the camera at the end of your exam to verify that they are indeed yours. Solutions must be submitted no more than 15 minutes after your quiz is completed. You can use whatever calculator you like on your quizzes, as long as it is not a phone app or online calculator.

3 Exams (60% of your grade [20% each]): You will have three online exams during the semester that will be proctored using Honor Lock. You will need to have a webcam and microphone in order to complete these exams. If you are well prepared, these exams *should* take 1 hour to complete, but you will have 2 hours to complete all the problems. You will need to write up a full solution to each problem on scratch paper. When you are done with your exam (before you "submit" the exam and Honorlock stops recording) you will need to show each page of your work to the camera, so that I can verify it is indeed your work that you are submitting. Once you submit the exam, you will then need to take photos of each page of your solutions and attach them as a comment on the exam assignment on Canvas, or email them to me. I will compare your submitted solutions to those you showed the camera at the end of your exam to verify that they are indeed yours. Solutions must be submitted no more than 15 minutes after your exam is completed. Each of these exams is worth 20% of your overall grade in the course, and that grade will be based on correctness of the complete solution - not just on final answers like the homework. These exams will be closed-book, and closed-note. You may only use the on-screen scientific calculator for exams, so I recommend that you become accustomed to "where everything is" on this calculator when taking your quizzes. You can always review where things are on this on-screen calculator by retaking the "Practice quiz".

2 Oral Quizzes (15% of your grade [7.5% each]): You will have two oral quizzes during the semester - one at roughly the "half way" point, and one closer to the end (see the course schedule for exact dates). At these points in the semester, I will post an announcement on Canvas, and you will be required to complete a sign-up sheet in that announcement to pick a time to complete your oral quiz. These quizzes will take the form of a 15-20 minute one-on-one Zoom meeting with me, where I will quiz you on a selection of problems. You will need to walk me through the complete solutions to those problems, and explain your reasoning. These oral quizzes will be closed-book and closed-note. A calculator will not be necessary.

Grade Summary:

Grade Item	% of overall grade
Lecture videos	0%
Daily homework	15%
Online quizzes	10%
3 Exams (with Honorlock)	60% (20% each)
Oral quizzes	15%

Grading Scheme:

Course grade at or above a:	93%	90%	87%	83%	80%	77%	73%
Will receive at least a letter grade of:	A	A-	B+	B	B-	C+	C

COURSE POLICIES/DISCLOSURES:

Policy on missed assignments: Missed assignments will receive a 0%. The only excuses that will be entertained are excuses due to:

1. Medical events that are accompanied by a signed doctor's note with contact information for the clinic.
2. Jury duty or a court date, with documentation and contact information for the Clerk's office.
3. Military obligations, with documentation and contact information of a CO.

Because this is an 8 week, 5-credit course, I will be taking deadlines very seriously. If you have a planned family vacation between 5/28 and 7/19, bring your computer, calculator, and course notes and be prepared to spend 2+ hours per day working on homework, videos, etc. for this class. If you are unwilling or unable to do so, I recommend withdrawing from the class immediately so you can still get a full refund for your tuition.

Academic Misconduct: All students are expected to know the UWSP Community Rights and Responsibilities, and the Student Academic Standards and Disciplinary Procedures found on the Dean of Student's webpage

at: <https://www3.uwsp.edu/dos/Pages/Student-Conduct.aspx> Links to an external site.

Any instances of perceived academic misconduct will be investigated and penalized following the Student Academic Disciplinary Procedures listed

at: <https://www3.uwsp.edu/dos/Documents/UWS%2014-1.pdf> Links to an external site.

The following is a (non-exhaustive) list of acts of academic misconduct that are common in math classes:

1. Using photomath or other math-solver apps on homework, quizzes, or exams.
2. Sharing exam or quiz problems with students who have not yet taken that exam or quiz.
3. Sharing solutions to homework problems with other students.
4. Using a calculator or phone that is not allowed on a quiz or exam.
5. Cheating on an exam, quiz, or homework assignment by having another person complete your work for you.
6. Collaborating on individual work assignments like exams or quizzes (including sharing problems, answers, or solutions in group messaging apps like Snapchat).
7. Using AI tools like ChatGPT, Microsoft Co-Pilot, Google Bard, etc. to help me or another student answer questions on homework assignments, quizzes, or exams.

Disabilities and Academic Accommodations: If you have been evaluated by someone in the UWSP DRC (Disability Resource Center) and have been found eligible for academic accommodations, then you must inform me of your accommodations at least a week in advance of the date on which you intend to use them. For example, if the UWSP DRC has determined that you are eligible for 1.5x time on quizzes and exams, and you would like to use those accommodations on Exam 1, you must inform me 7 days prior to the date for which Exam 1 is scheduled so I have adequate time to program your accommodations into Canvas.