

MATH 225: CALCULUS I

INSTRUCTOR: Clare Hemenway

CLASS TIME AND PLACE: MTWRF 11:00 to 11:50, Room 180, COHORT ATTENDANCE

(see CANVAS Announcements for your cohort assignment)

NOTE 1: For purposes of contact tracing, you are not allowed to attend class on a day that your cohort does not meet.

NOTE 2: There will be assigned seating and you must sit in the same seat throughout the course

CONTACT INFO: clare.hemenway@uwsp.edu

Phone: 715 261-6253

VIRTUAL OFFICE HOURS: Friday 11:00 to 11:50 (most Fridays), 1:00 to 1:50, or 2:00 to 2:50

<https://us.bbcollab.com/collab/ui/session/guest/43ab046a59424f7bbd70bd6547e9e308>

A suggestion would be to **bookmark this site.**

In this blackboard collaborative room, **we can share** a whiteboard, I can write on a regular whiteboard, or use a document camera, and we can do other things (note: I have not used this for my classes before so we can both learn together). If you ask, I am most happy to pop into this virtual room at other times (it would be like asking to come to my physical office at a specific time except it is now virtual). **This room can also be used by students for student-to-student meetings.**

TEXT AND CALCULATOR: *Calculus, 8th Edition, Early Transcendentals*, by James Stewart

You do not need a calculator, but you are welcome to use one. **BUT**, for tests, you **cannot** use a calculator with a computer algebra system.

MATERIAL COVERED: Most of Chapters 2 through 6

Topics covered: Limits (including L'Hospital's Rule), derivatives of polynomials, rational functions, trigonometric functions, inverse trig function, logarithmic and exponential functions, implicit differentiation, applications of the derivative as a rate of change, straight line motion, use derivatives to graph functions, definite integral, indefinite integrals, applications of the definite integral for area and volumes.

Written HOMEWORK is assigned, but it will not be collected. It is your responsibility to keep up with assignments and ask questions

TEST DATES: Friday, October 2

Friday, October 30

Friday, November 20

(online) Tuesday, December 15 10:15 to 12:15

GRADING: 4 tests 100 %

A possible 12 points extra credit (added to a test score) may be obtained through at home quizzes. See below in Section on How Course Will Be Taught

If you MUST miss a test, you MUST notify me ahead of time (unless it is an emergency) and if the excuse is deemed reasonable, you might be allowed to take the test at a different time. At most one test will be allowed to be taken at a different time.

GRADING RUBRIC

A average ≥ 92	A- $90 \leq \text{average} < 92$	
B+ $88 \leq \text{average} < 90$	B $82 \leq \text{average} < 88$	B- $80 \leq \text{average} < 82$
C+ $78 \leq \text{average} < 80$	C $72 \leq \text{average} < 78$	C- $70 \leq \text{average} < 72$
D+ $67 \leq \text{average} < 70$	D $62 \leq \text{average} < 67$	
F average < 62		

COURSE OBJECTIVES:

- To review basic algebra and trigonometric skills while learning Calculus
- To prepare for Calculus II
- To learn some applications of calculus
- To learn the basic concepts of limit, derivative, and integral
- To enhance graphing techniques
- To learn some history of Mathematics
- To appreciate the beauty of Mathematics
- To have FUN (yes, fun) along with the inevitable FRUSTRATION in the learning of Mathematics

BRIEF DESCRIPTION OF HOW THIS COURSE WILL BE TAUGHT:

This course is taught in a hybrid format in cohorts. It is expected that **every** student will watch prerecorded lecture videos (available in CANVAS) each week and the in-person class time will be used for problem solving examples and questions from homework. I will be essentially repeating each in-person class lecture 2 times; so I will record one of those class sessions and this will be available in ZOOM in case you must miss a class or are taking the class totally online. I will not allow you to remotely ZOOM into the in-person class during the class time.

For the extra credit quizzes, **it is required** that you upload them into the appropriate CANVAS assignment as a single pdf file. (You can take pictures with a smart phone and convert the pictures to a **single pdf file.**) Do a search on how to convert photos to a single pdf for your model of phone. Alternatively, you can scan your work as a single pdf if your scanner allows it. The last test will be taken remotely and the completed exam must be uploaded to CANVAS as a **single pdf.**

TUTORING:

The TLC is offering the following support during fall semester 2020. All TLC math and science services will be held virtually, via Zoom or GoBoard. One-on-one and Drop-In Tutoring, as always, remain free of charge. **Faculty**—please feel free to use the information addressed to students (see below) in your syllabus and/or on Canvas. I've also attached instructions on how to link the TLC to your Canvas site. If you would like more information, do not hesitate to ask.

- **Drop-In Tutoring begins the 2nd week of class.** The schedule and Zoom links can be found here: <http://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx> and will be posted during the 1st week of class.
- **Beginning the 2nd week of class,** students can request **One-on-One Tutoring.** Please direct students to this TLC webpage: <https://www.uwsp.edu/tlc/Pages/Mathandscischedules.aspx> to submit a request. One-on-One Tutoring is available by appointment only and will meet via GoBoard. Appointments are made based upon tutor availability.

For Students:

The Tutoring-Learning Center (TLC) offers **FREE** drop-in and individual tutoring to support you in your math and science classes. The tutors are UWSP and UWSP at Wausau students who have done well in their classes and who are here to share their successful study habits and content knowledge to help others succeed. Discussing concepts and processes together clarifies and solidifies knowledge, and the tutors are eager to study with you. If you have questions about the schedules or would like to make an appointment, please contact the TLC via email (tlctutor@uwsp.edu) or phone (715-346-3568) for information.

Math and Science Tutoring – Fall 2020

What	Details	Schedule	Cost
Drop-In Tutoring	Via Zoom	https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx	Free
One-on-One Tutoring	By appointment, via GoBoard. Weekly attendance required.	Complete online request form here: https://www.uwsp.edu/tlc/Pages/request-math-science-tutoring.aspx	Free

COVID PREVENTION

Face Coverings:

- At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

Other Guidance:

- Please monitor your own health each day using [this screening tool](#). If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).
 - As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.