Saddle Up to Calculus I

POLICIES/SYLLABUS

Instructor: Eric Moorhouse, Ross Hall $6^3 = 216$, https://ericmoorhouse.org, email moorhous@uwyo.edu. You may call me Eric (or Dr. Moorhouse or …), however you are most comfortable.

Meets: MTWRF 9:00–10:30 am, CR 214, August 15–19, 2022. Students must attend class in person and participate, as per UW Regulation 2-108 (Student Attendance Policy).

Prerequisite: Students in UWYO 1019–13 are assumed to have previously mastered precalculus (i.e. college algebra and trigonometry). The prerequisite for Math 2200 is either a C or better in MATH 1405 or MATH 1450, a Mathematics Placement Exam score of 5 within one year prior to the start of the course, or ACT math score of 27.

Poll Everywhere: Please download this free app for your mobile device for use during class. This is in addition to any other apps you have been asked to download for use at UW (penji, Suitable, etc.)

Saddle Up Student Learning Outcomes:
- Students are developing a sense of community at UW.
- Students demonstrate the ability to navigate coursework.
- Students are able to establish study skills.
- Students are able to identify and access UW resources.

Peer-assisted Study Sessions: Peer-assisted study sessions (PASS) will be offered on Tuesday and Thursday from 10:45–11:30 for this course in CR 214. These will be help sessions led by a successful senior student designed to facilitate practice with course material and discussion on best practices that they have found during their career at UW. Our PASS leader will be Julia Burrows (jburrow3@uwyo.edu).

Content of UWYO 1019-13: Our course has no required textbook. All content will be delivered through the five daily lectures and a set of instructional videos (approximately 5 videos, each 20-30 minutes in duration) which will be

assigned for you to watch during the week. This course *does not* duplicate the first week of Math 2200 (Calculus I); however, we will introduce the main themes and topics of modern calculus in a classroom setting with the same organization, structure and climate as a calculus class. In particular, we will provide a brief overview of modern calculus, including the notions of limit and derivative. Because we will be building on a foundation of precalculus, it would be helpful to have your precalculus textbook on hand for ready reference. Alternatively, you may refer to online sources such as openstax.org/books/precalculus for review; but any resources you need to help you with the precalculus background are your personal responsibility. The entire first chapter of our Calculus I textbook is devoted to a review of precalculus, although the Math 2200 lectures begin with Chapter 2; although students are advised to wait until classes have started before buying the Math 2200 textbook.

Office Hours: MTWR 2:10–3:00 pm. In addition to my regularly scheduled office hours, please feel free to see me at other times, either by appointment or at other times if I am not busy. I can be found either in Ross Hall 216 during this time, or using the office hour link (found on our WyoCourse site).

Course Schedule and Grading Scheme: The course-based portion of this SU course is based on class attendance and participation, including successful

Homework HW1	20%	Due 5:00pm Mon Aug 15 on WyoCourses
Quiz Q1	15%	During Class Tues Aug 16
Homework HW2	20%	Due 5:00pm Wed Aug 17 on WyoCourses
Quiz Q2	15%	During Class Thurs Aug 18
Final Exam	30%	During Class Fri Aug 19
Total Grade	100%	

completion of the following five assignments:

Every student will receive a grade of S or U (satisfactory or unsatisfactory). The satisfactory grade requires successful completion of both the course-based portion (see my FAQ's regarding letter grades) and the engagement-based portion.

Submitting Homework on WyoCourses: Electronic homework submissions on WyoCourses are due at the times specified above. Submit your work on time; no work can be accepted after the solutions have been posted. Please submit your work in pdf format (not of excessive file size. You are responsible for making sure your document uploads correctly. Popular options for generating your pdf are

- Write on paper (either a blank sheet or, in our case, on a printed copy of the assignment) and scan it using a mobile device or flatbed scanner, then export save as pdf. Don't use your camera app; rather, use a dedicated scanner app which crops your document and avoids glare, shadows, etc.
- Avoiding paper, use a tablet and stylus with a good note-taking app (Notability is a popular choice). Write either on a blank new page, or in our case, annotating the pdf copy of the worksheet from our course website. Export as pdf.
- Some assignments may be typed on your laptop (e.g. in MS Word) and then exported as pdf.

Expectations for Completing Written Work: Mathematics, more than most subjects, is one which you learn not by listening and absorbing, but by trying out yourself. The learning of mathematics is also more sequential than that of other subjects … so all the more need to be regular in doing problems yourself! The following expectations apply to all submitted work (submitted homework, quizzes and exams):

- Write clearly. Part of the grade reflects organization and clarity of presentation.
- Some solutions require sentence answers. Correct use of vocabulary, spelling, grammar, and punctuation is required for full credit.
- There is no need to re-write questions. Simply answer the questions.

It is fine for you to discuss the homework with other students. However, please do not copy anyone else's work directly, whether or not they are in the class. Copying may adversely affect your grade; but more importantly, of course, you won't be adequately preparing yourself for the tests in this way. For further information, consult the FAQ (see below).

Tests and Quizzes: We will have two 12-minute quizzes and one 40-minute final exam, all during class time. These are 'closed book'; however, you will be permitted to use a handheld scientific calculator. Graphing calculators are not allowed, and cell phones may not be used as calculators. Sharing of calculators or other aids during quizzes and the exam are not permitted. No other devices are permitted, and cell phones must be switched off. The quizzes and final exam will cover material covered in college algebra and trigonometry, our Saddle Up lectures, and in the assigned instructional videos.

WyoCourses and the UWYO 1019-13 Course Website: The WyoCourse site (accessed through www.uwyo.edu/wyocourses) is used for all sensitive information (grades, Zoom links, etc.). Additional course-related instructional videos, announcements, links, handouts, homework/quiz solutions,

etc. will however be posted at the Course Website
https://ericmoorhouse.org/courses/1019/ (not to be confused with WyoCourses).
This URL is also linked on the WyoCourse site.

Questions I am Most Often Asked: For more detail on policies of course administration, learning progress, etc. please refer to https://ericmoorhouse.org/courses/FAQ.html. Most questions students ask me are already answered in either this syllabus or my FAQ's.

Classroom Behavior Policy: Be courteous and professional with everyone in the classroom. Bring your cell phones (on silent), laptops, water bottles, and any other devices you need, as long as you are not disturbing anyone. If you must leave the classroom (e.g. to take an important call or to visit the restroom), do so quietly as needed. In case of disruptions to the classroom learning environment, I will respond as needed (in mild cases, discussing the situation with students individually; and in extreme cases, asking those causing the disturbance to leave).

Classroom Statement on Diversity: The University of Wyoming values an educational environment that is diverse, equitable, and inclusive. The diversity that students and faculty bring to class, including age, country of origin, culture, disability, economic class, ethnicity, gender identity, immigration status, linguistic, political affiliation, race, religion, sexual orientation, veteran status, worldview, and other social and cultural diversity is valued, respected, and considered a resource for learning.

My Duty to Report: As a member of the UW faculty, I am committed to supporting students and upholding the University's non-discrimination policy. Under Title IX, discrimination based upon sex and gender is prohibited. If you experience an incident of sex- or gender-based discrimination, we encourage you to report it. While you may talk to a faculty member, understand that as a "Responsible Employee" of the University, the faculty member MUST report information you share about the incident to the university's Title IX Coordinator (you may choose whether you or anyone involved is identified by name). If you would like to speak with someone who may be able to afford you privacy or confidentiality, there are people who can meet with you. Faculty can help direct you or you may find info about UW policy and resources at https://www.uwyo.edu/reportit . You do not have to go through the experience alone. Assistance and resources are available, and you are not required to make a formal complaint or participate in an investigation to access them.

UW Campus Resources: Ask for help when you need it. For academic assistance throughout this course and afterwards (especially in Calculus), please contact me as needed. Additional resources:

- Assistance is available through the Dean of Students (dos@uwyo.edu, 766-3296, 128 Knight Hall, https://www.uwyo.edu/dos).
- Please let us know if you notice another student who needs help in our (anonymous) UWyo Cares (https://www.uwyo.edu/dos/students-concern/index.html) referral option.
- Counselling center: uccstaff@uwyo.edu, 766-2187, 766-8989 (After hours), 341 Knight Hall, https://www.uwyo.edu/ucc
- UW Police Department: uwpd@uwyo.edu, 766-5179, 1426 E Flint St, https://www.uwyo.edu/uwpd
- Student Code of Conduct: https://www.uwyo.edu/dos/conduct
- If you have any challenges related to IT (Information Technology), please contact the UWIT Service Center.

Academic Honesty: Academic dishonesty will not be tolerated in this class. Cases of academic dishonesty will be treated in accordance with UW Regulation 2-114. The penalties for academic dishonesty can include, at my discretion, an "F" on an exam, an "F" on the class component exercise, and/or an "F" in the entire course. Academic dishonesty means anything that represents someone else's ideas as your own without attribution. It is intellectual theft (stealing) and includes (but is not limited to) unapproved assistance on examinations, plagiarism (use of any amount of another person's writings, blog posts, publications, and other materials without attributing that material to that person with citations), or fabrication of referenced information. Facilitation of another person's academic dishonesty is also considered academic dishonesty and will be treated identically.

Disability Support: The University of Wyoming is committed to providing equitable access to learning opportunities for all students. If you have a disability, including (but not limited to) physical, learning, sensory or psychological disabilities, and would like to request accommodations in this course due to your disability, please register with and provide documentation of your disability as soon as possible to Disability Support Services (DSS), Room 128 Knight Hall (https://www.uwyo.edu/udss). You may also contact DSS at (307) 766-3073 or udss@uwyo.edu.

Syllabus Changes: This syllabus is subject to change. Updates to this syllabus will appear electronically on the course website, and you will be alerted by email.