

MATH 116 Fall 2020
Calculus II

Instructor: James Phillips

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Office: Clapp 308

Office Hours: TBA

and by appointment

Textbook: Stewart, *Calculus: Concepts and Contexts*, 4th ed.

General Policy: Students are expected to attend class and, in the event of an absence, are responsible for making up any missed material. Students are also encouraged to participate and ask questions during class. Calculus can be difficult, but it is learned best through practice; I am happy to work with students in class and in office hours to ensure the best understanding of the subject. In the end, the skills we will stress are *critical thinking* and *problem-solving*.

In class, please be courteous: arrive on time and stay until the end of class. Lectures are a good starting point, but the best understanding comes from getting your own hands dirty: give the material a look before lecture, and spend some time reviewing and practicing afterward.

This is certain to be a strange term. I will do my best to keep things as steady as possible, but our flexibility may very well be called on. Thus, communication will be vital. Even in a typical semester, I understand that things do come up. **If a circumstance arises that affects your performance in the course, you should inform me *before* it influences your grade.** If anything were to arise, we can work together to figure out an appropriate plan.

If this class were to move online at any point during the term, some or all of the following may need to be modified. Any changes will be announced before they can affect anyone's grade.

Homework: Homework will be assigned twice weekly: once on Monday and once on Thursday. An assignment posted on Monday is due at midnight on the following Friday. An assignment posted on Thursday is due at midnight on the following Tuesday. Each assignment will be posted to both Sakai and Gradescope. A typical assignment will consist of six to seven problems. Of the assigned problems, I will select three for the grader to grade for correctness. The problems that will be graded will not be announced in advance. Solutions will be submitted through Gradescope. I encourage you to use calculators sparingly on homework, but computations will sometimes require them. You are also welcome to work together on homework, but any work submitted must be your own. Late homework will not be accepted. Your lowest two homework scores, however, will be dropped. Homework comprises 30% of your overall grade in the course.

Classwork: Each video lecture will be posted approximately 24 hours in advance of its corresponding class. It is each student's responsibility to watch the video before this class. The vast majority of our class meetings will be spent working on classwork. The appropriate classwork will be posted to Sakai before each class and you should have

some way, such as printing the sheet or bringing a laptop, to access the classwork during each class period. You are welcome (and encouraged!) to work with the other students in the room on the classwork. I will spend the time moving between the three rooms to check in and, if needed, offer help. Participation in classwork comprises 5% of your overall grade in the course.

Exams: There will be two midterms and a final. All tests are take-home. The first test will be posted to Sakai at the end the third week of class and must be submitted to Gradescope by midnight on the following Sunday. The second test will be posted to Sakai at the end the fifth week of class and must be submitted to Gradescope by midnight on the following Sunday. The second test is not specifically cumulative, but concepts covered on the first test may nonetheless be needed to complete portions of the second test. The final will be posted at the start of the final exam period and must be submitted by the end of the final exam period. Tests must be completed on one's own. Neither textbooks, notes, nor calculators are permitted on tests. Each of the first two tests comprises 20% of your overall grade in the course. The final exam comprises 25% of your overall grade in the course.

Honor Code: On homework, collaboration is expected and encouraged. You should feel free to talk to other students while you are in the process of thinking about a problem. You will need periods of concentrated individual study, but it is also helpful to spend time talking about the subject. However, solutions should be written up on your own, to gain practice and confidence in your ability to problem solve. Exams and quizzes are completed individually. Feel free to direct any questions to me.

Accommodations: If you have a disability or condition, either long-term or temporary, and need reasonable academic adjustments in this course, please contact Accessibility and Disability Resources (ADR) to get a letter outlining your accommodation needs, and submit that letter to me. You should request accommodations as early as possible in the semester, or before the semester begins, since some situations can require significant time for review and accommodation design. If you need immediate accommodations, please arrange to meet with me as soon as possible. If you are unsure but suspect you may have an undocumented need for accommodations, you are encouraged to contact (ADR). They can provide assistance including screening and referral for assessments. If the course schedule includes quiz or exam dates that conflict with your religious observances, please let me know at least one week in advance in order for us to make an alternative arrangement.

Resources: Anastacia Castro, our embedded tutor, will run three weekly office hours. She has already mastered the course material and will be keeping pace with our class. Drop-in online tutoring is also available through the Math Department. A schedule will be posted when one is available.