

Mathematics 2300-: Calculus 2, Summer 2026 Syllabus

Class Meetings. MWTRF

Instructor.

Office Hours:

Office:

Course Information:

Prerequisites:

MATH 1300 or MATH 1310 or APPM 1345 or APPM 1350 (minimum grade C-). Credit not granted for this course and APPM 1360.

Textbook and WebAssign Access:

We will use the textbook “Calculus: Early Transcendentals,” 9th Edition, by James Stewart.

CU Book Access:

Great news! No action needed! You are already enrolled in WebAssign, and the e-book and WebAssign will automatically be billed through your tuition and fees through CU’s Book Access, which will give you access to our course materials on the first day of class. Please note that the Book Access program is different in the summer, in that it is not an inclusive flat fee for all of your courses’ materials collectively. Instead, your Book Access fee will be based on the cost of the materials for each course separately.

For our course, the Book Access program typically includes a Cengage Unlimited subscription, which would be more costly this summer if only one of your courses is using Cengage materials. To keep the cost of your course materials as low as possible, we have negotiated with the publisher to offer a Single-Term subscription at \$106.25. This amount will automatically be billed through your tuition and fees.

What does the Book Access program mean for you and can you opt out?

- Through the Book Access program, you will receive access to all your course materials, digitally, on the first day of classes.
- Your course materials will automatically be billed through your tuition and fees.
- You can opt out of the Book Access program by **June 1, 2026**, but opting out means you would lose access to your course materials and must purchase them separately. The negotiated price of \$106.25 for our course might not be available if you opt out of the Book Access program. That is, you might have to pay more if you opt out of the Book Access program.
- If you are taking more than one course this summer that uses Cengage materials, then Cengage Unlimited might be the more cost-effective option. In that case, you might wish to opt out

of the Book Access program and instead purchase **Cengage Unlimited** separately, so that one subscription can apply to all of your courses that are using Cengage materials this summer. However, we recommend that you contact the CU Bookstore to determine the most cost-effective way to proceed.

Required Equipment and Software:

- **Smart phone (or tablet) and scanner app:** So that you can submit written assignments online as a single PDF file, you should download a scanner app for your smart phone or your internet-connected tablet, if your smart phone or tablet does not already have one. Many of these apps are available for free, such as Genius Scan or CamScanner. You must have this device accessible both in class and out of class.
- **Calculators and other technology:** You must have a device that is capable of graphing functions and doing numerical integration. You do not need to purchase a graphing calculator. **Absolutely no such devices will be allowed on quizzes.**
- **Computer, webcam, and microphone (all sections):** You will be required to have a computer equipped with a webcam and microphone. In remote sections these will enable you to fully participate in the in-class activities, as well as effectively ask questions during Zoom lectures. Without a webcam, you will not be allowed to take the exams.
- **Zoom:** Remote class meetings will be held synchronously on Zoom at the time indicated on your class schedule. Zoom can be downloaded for free through CU's website at <https://oit.colorado.edu/services/conferencing-services/web-conferencing-zoom>. So that your instructor will know who you are, please use the name on Zoom by which you would like your instructor to address you.
- **Proctorio:** We will be using the proctoring software Proctorio for our remote exams. This is a Google Chrome extension that is free to download. You will receive more information regarding how to download Proctorio.

Note: If the university determines at some point during the semester that all classes must switch to remote, then you will be required to have the above equipment and software specified for only remote sections.

Canvas:

See our course's Canvas <https://canvas.colorado.edu> for up-to-date course information, quizzes, homework assignments, a link to WebAssign, the course schedule, lists of instructors, a copy of this syllabus, and links to additional resources.

Course Structure:

Research shows that people learn mathematics best when they are actively participating. In other words, you learn by doing, not by watching. Therefore, MATH 2300 does not meet in large sections, but instead meets in small sections, which allows individual and group work in which you will be actively engaged with solving problems, making discoveries and understanding connections. This course and the book we are using are designed for a classroom which does not follow a traditional lecture format. Do not be surprised if your instructor often spends only half a class period lecturing or solving problems: the rest of the time, you should expect to be working at your desk or online, either individually or in groups, presenting your work.

In this vein, you will be expected to read a section in the book before it is discussed in class. Lectures are intended to highlight aspects of the text, not to replace it. In this course you will learn a number of useful formulas, though their mastery is not the primary purpose of calculus any more than correct spelling is the primary purpose of literature. Our goal is to have you learn how to understand calculus conceptually so you can build your own approaches to solving practical problems.

We will use a variety of in-class activities where you will collaborate in small groups to discover, extend, and apply calculus concepts.

Course Content:

This course is a continuation of MATH 1300. Topics we will cover include techniques of integration, improper integrals, applications of integration, sequences and series, power series, Taylor series, differential equations, parametric equations and polar coordinates.

Calculators and Other Technology:

You are required to have an electronic device that can access the internet, so a smart phone, laptop, or tablet with a webcam and microphone for in-class activities and online assessments. You are required to bring it to class. The device you use should be capable of graphing functions so you will need a graphing application, including the free app Desmos.

Absolutely no such devices will be allowed on quizzes. Nor will they be needed on quizzes.

Mathematics Academic Resource Center:

The [Mathematics Academic Resource Center](#) (MARC) is a free service provided by the Department of Mathematics that offers students additional support for their CU Mathematics courses.

The MARC is staffed by graduate students (G), undergraduates (U), and Learning Assistants (respective course number). Tutors are trained to help assist with specific questions. They are not able to work through homework assignments. The MARC is extremely busy before assignments are due, so make a habit of visiting the MARC well before assignments are due, have some coffee and tea (freshly brewed by MARC staff!), and start a conversation with our wonderful tutors.

Assignments and Assessments:

The only effective way to learn Calculus is to do lots and lots of problems. Besides working on problems in class every day, you will have assignments and assessments in this course to enhance your skills and understanding.

Online homework:

WebAssign is an online system for doing homework. When you log on, you are given problems that you solve on paper and then enter the answers. These problems are generally straightforward or computational, and you can repeat them multiple times until you get the correct answer. The philosophy behind this is that instantaneous feedback is more effective than waiting days for a grade, and that doing a problem over if it's wrong is better than simply seeing the right answer. Because problems are graded by a computer, there are occasional technical issues, but we believe the trade-off is worthwhile. WebAssign can be accessed through the link on the main course webpage.

If you added the course before 10:00 am on Friday, May 23, then you are already enrolled in our WebAssign course. If you added the course after this time, or if you have switched sections, then contact Jeff Taylor at math-help@colorado.edu so he can enroll you in WebAssign or switch your WebAssign access to the correct section. Include your first and last name, your CU email address, your IdentiKey username, and the course and section number you are enrolled in. You can find your WebAssign Assignments by clicking on the following link: <https://www.webassign.net/colorado/login.html>.

The first assignment is due early in the first week of class, so do not wait! There is a **two-week trial period** in the beginning of the semester during which all enrolled students may use WebAssign without an access code.

There will be a WebAssign assignment for each topic we cover, assigned when we begin that material. Please check the due dates regularly, as you are responsible for getting the assignments done on time. No late WebAssign will be accepted and no extensions will be granted. However, we will allow you to miss 10% of the WebAssign problems for the semester with no penalty, so you don't need to panic if you miss a problem here and there.

You may email your instructor to ask about a WebAssign problem, but when you do, make sure to include "MATH 2300" in the subject line, give a clear statement of the problem you are trying to solve, say what you have already tried and why you think it should have worked. Ask your instructor for their particular policy regarding emailing questions. We will drop 10% of the WebAssign points at the end of the term.

The online homework assignments should be completed by **11:59 pm on Sundays** for weeks one through nine and by 11:59 pm on Thursday of week ten. You should complete all assignments by the date suggested on the course schedule.

Written Homework:

You will be assigned several conceptual problems each week. These problems are a variety of problems from the textbook, along with supplemental problems. You are expected to write up complete, legible, and logical solutions to these problems. Each problem should be written using complete sentences to explain your steps. You may work together on homework to understand the problems and even to solve them (in fact, we recommend it). However, when you write up your solutions, this should be done independently, and in your own words. Thus it is your own language and your own work. If you are wondering if you crossed the line, ask yourself “Could I start over and redo this on my own, and would it basically look like this?” If not, then you are submitting someone else’s work (plagiarism). Copying homework solutions from the internet also constitutes plagiarism. All cases of plagiarized homework will be submitted to the Honor Code Board. The first infraction will result in a grade of zero on that homework. The second infraction will result in a full letter grade deduction on your semester grade (e.g., from B+ to a C+). Your third infraction will result in an F for the course.

Your work must be uploaded to Canvas **by 11:59 PM MT** on the due date (Sundays and Thursday July 30). **Late homework or work submitted by email will not be accepted.**

Exams:

This course has four quizzes and a final quiz. They have already been scheduled. Each quiz is worth 12.5% of your final grade, and the four quizzes combine for 50% of your final grade. The final quiz is worth 20% of your final grade. Calculators, cell phones, and smart watches will not be allowed during any portion of any quiz. **Use of any electronic device at any time during the exam will be considered cheating.**

All four quizzes and the final quiz will be given remotely. You must have Proctorio on from the start of your quiz until you submit your quiz. Your camera must show you in your workspace including your hands as you write your solutions. If you do not follow these instructions, your quiz will not be graded.

Quizzes cannot be made up or rescheduled. Please verify that you have no time conflicts with these quizzes before enrolling in this class.

- **Quiz 1 Window:** From 9:20AM on Wednesday, June 10 to 9:20AM on Thursday, June 11
- **Quiz 2 Window:** From 9:20AM on Wednesday, June 24 to 9:20AM on Thursday, June 25
- **Quiz 3 Window:** From 9:20AM on Wednesday, July 8 to 9:20AM on Thursday, July 9
- **Quiz 4 Window:** From 9:20AM on Wednesday, July 22 to 9:20AM on Thursday, July 23

Final Quiz Window: From 9:20AM on Friday, July 31 to 9:20AM on Saturday, August 1

- Quizzes 1-4 will be one hour and the Final Quiz will be two hours.

Note: If the Final Quiz score is greater than the lowest quiz score, the Final Quiz score will replace the lowest quiz score when calculating the final course grade.

Use of any outside resources or providing assistance to others at any time during the quizzes will be considered cheating and a violation of the Honor Code.

Important: If you are found to be in violation of the Honor Code on a quiz, your first infraction will result in a zero on the quiz **and** a full letter grade deduction on your semester grade (e.g., from a B+ to a C+). Your second infraction will result in an F for the course. All infractions will be reported to the Honor Code Board.

Grades: The grade distribution will be calculated based on the following weightings:

- Quizzes (70%)
- WebAssign (15%)
- Written homework (15%)

Note 1: To get a maximum written homework score, you must earn 90 out of 100 possible points. However, the intended purpose of this is to alleviate the stress on your grade due to unpredictable non-academic circumstances (such as illness, family emergencies, or technical issues). Thus, do your best work so that you can reserve your drops for unpredictable non-academic circumstances.

Note 2: If you miss exactly one quiz, your missed quiz score will be replaced by your final quiz score. This replacement does not apply to more than one quiz. If you miss the final quiz for any reason, you must petition for an incomplete. There is no guarantee that a petition for an incomplete will be approved.

Note 3: In the highly unlikely event that the university cancels the final quiz, the weighting will be 70% for the four quizzes combined, and the weighting for the other coursework will remain 30% as stated above. In the unlikely event that a non-final quiz is cancelled, the weighting will be 50% for the three remaining quizzes combined.

University Policies and Standards

Classroom Behavior

Both students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote or online. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. For more information, see the policies on [classroom behavior](#) and the [Student Conduct & Conflict Resolution policies](#).

Requirements for COVID-19

As a matter of public health and safety, all members of the CU Boulder community and all visitors to campus must follow university, department and building requirements and all public health orders in place to reduce the risk of spreading infectious disease. Students who fail to adhere to these requirements will be asked to leave class, and students who do not leave class when asked or who refuse to comply with these requirements will be referred to [Student Conduct and Conflict Resolution](#). For more information, see the policy on [classroom behavior](#) and the [Student Code of Conduct](#). If you require accommodation because a disability prevents you from fulfilling these safety measures, please follow the steps in the "Accommodation for Disabilities" statement on this syllabus.

If you feel ill and think you might have COVID-19, if you have tested positive for COVID-19, or if you are unvaccinated or partially vaccinated and have been in close contact with someone who has COVID-19, you should stay home and follow the further guidance of the Public Health Office (contacttracing@colorado.edu). If you are fully vaccinated and have been in close contact with someone who has COVID-19, you do not need to stay home; rather, you should self-monitor for symptoms and follow the further guidance of the Public Health Office (contacttracing@colorado.edu).

Accommodation for Disabilities

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or dsinfo@colorado.edu for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

Preferred Student Names and Pronouns

CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.

Honor Code

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the Honor Code academic integrity policy. Violations of the Honor Code may include, but are not limited to: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code (honor@colorado.edu); 303-492-5550). Students found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code as well as academic sanctions from the faculty member. Additional information regarding the Honor Code academic integrity policy can be found on the [Honor Code website](#).

Sexual Misconduct, Discrimination, Harassment and/or Retaliation

CU Boulder is committed to fostering an inclusive and welcoming learning, working, and living environment. The university will not tolerate acts of sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, or protected-class discrimination or harassment by or against members of our community. Individuals who believe they have been subject to misconduct or retaliatory actions for reporting a concern should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127 or email cureport@colorado.edu. Information about OIEC, university policies, [reporting options](#), and the support resources can be found on the [OIEC website](#).

Please know that faculty and graduate instructors have a responsibility to inform OIEC when they are made aware of incidents of sexual misconduct, dating and domestic violence, stalking, discrimination, harassment and/or related retaliation, to ensure that individuals impacted receive information about their rights, support resources, and reporting options. To learn more about reporting and support options for a variety of concerns, visit [Don't Ignore It](#).

Religious Holidays

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, please let us know if your religious observances result in schedule conflicts.

See the [campus policy regarding religious observances](#) for full details.