

**Class Meetings:** Monday through Friday 12:40–1:30 PM, in MATH 170.

**Instructor:** Eric Stade (email: [stade@colorado.edu](mailto:stade@colorado.edu))

**Office Hours:** Tuesdays 10–11 AM, Thursdays 3–4 PM and Fridays 10–11 AM, by Zoom:

<https://cuboulder.zoom.us/j/91890391719>

**Prerequisites.** Requires prerequisite course of APPM 1235 or MATH 1021 or MATH 1150 or MATH 1160 (minimum grade C-) or an ALEKS math exam taken in 2016 or earlier, or placement into calculus based on your admissions data and/or CU Boulder coursework.

**Text.** *Calculus in Context, Revised*, by Stade, Callahan, et al., is *free*, and can be found online through our Canvas page. (The text is still under development; this is not the final version.)

**Technology:**

- **Canvas.** We will be using Canvas, CU Boulder’s learning management system, for recording grades and for other important course information.

To access Canvas, go to <https://canvas.colorado.edu>. Log in using your CU IdentiKey username and password.

Once you log in, click on “CLS Fall 2020” to get into our course.

- **Sage.** For this course, you will be *required* to bring to class, on select “Activity days” (see item (b) on the next page), a device – laptop or tablet – with wifi and a web browser. You will be using this device to create and run Sage code on these Activity days. Your instructor will provide more information on this requirement.
- **Calculator.** On certain other Activity days, and for your homework, projects, and take-home exams in this course, you will **need** to own a calculator that, at the very least, has keys for basic operations (+, −, ×, and ÷), and for basic transcendental (trigonometric and exponential/logarithmic) functions. If your calculator has programming or graphing features, that’s fine too, but not required. (If you have an app on your computer/tablet that functions as a calculator, that’s also OK.)

**Mathematics Academic Resource Center Online, also known as MARCO.** You may seek assistance with your math questions at the MARCO, or online help lab. More info on MARCO will be coming shortly.

**Requirements and grades.** Your grade in this course will be computed on the basis of:

**(a) Exams (70% of your final grade).** You will have three untimed, open-book, open-notes, open-everything take-home exams. *Your lowest exam score of the three will be dropped.* Each of the remaining two exams will be worth **35%** of your final grade. These exams will be due **by the start of class on the following Fridays:**

**September 25, October 23, and November 20, 2020.**

You will submit these exams electronically, through our Canvas page.

There will be **NO FINAL EXAM** in this course.

**(b) Activity days (7% of your final grade).** Roughly 1–3 times each week, there will be activities that we will work on together in class. These “Activity” days are clearly marked on the “Schedule of topics and due dates” within our Canvas page.

Activity days cannot be made up. However, you may miss up to **five** Activity days without penalty.

Please do not be late to class, *especially* on Activity days. *If you are more than five minutes late for any Activity day, you will get at most half credit for that day.*

If you show up on time and make an effort to participate on an Activity day, you will get full credit for that Activity. It’s that easy!

**(c) Homework (7% of your final grade).** Written assignments will be due **by the start of class on Fridays**. (No homework will be due on the first Friday of classes, or on Fridays when a take-home exam, or your term project draft, is due. More on the term project below.)

All assignments will be posted on our Canvas page, and will be submitted and returned electronically, through Canvas. Missed homeworks *cannot be made up for any reason*; if you miss a homework, you will receive a zero for that homework grade. We will drop your lowest *two* individual homework scores.

**(d) Term project (7% of your final grade).** In this course you will complete a **term project**, which will give you an opportunity to be *creative* with calculus!! This term project will entail a draft, due **by the start of class on Friday November 6**, and a presentation, which you will give to the class remotely, after Thanksgiving break. More details on the term project will be forthcoming soon.

**(e) Discussion threads (6% of your final grade).** On our Canvas page, there are two discussion threads that you will be asked to participate in weekly: a “Rates of Change” thread and a “Random” thread. Each thread is worth 2% of your final grade. You will get the full two points for each thread by making at least one meaningful post per week to that thread. You can also score up to an additional 2% for the semester for being a particularly active participant in one or both threads.

Postings for a given week are due by 10 PM on the Sunday at the end of that week.

**(f) Attendance (3% of your final grade).** Please come to class, on time, and be attentive and engaged. I will take attendance every day, including the remote days after Thanksgiving break. You are permitted seven absences, without penalty, over the course of the semester, of which *at most five* can occur on Activity days (see item (b) above). Each absence beyond the seventh will result in a 1/2 point deduction from your overall point total (out of 100) for the semester, up to a total of 3 possible points deducted. Exceptions will be made, on a case-by-case basis, for prolonged illness.

Points will also be deducted if you are physically, but not mentally, present, e.g. spending the class period on social media and whatnot.

Please see the “Guidelines for written assignments” header under “**ADDITIONAL IMPORTANT COURSE INFORMATION**” on our Canvas home page, for important

**instructions on completing written assignments of any kind, including homework, take-home exams, and the term project.**

**Other important information.** Please see the “Important policy information” header under “ADDITIONAL IMPORTANT COURSE INFORMATION” on our Canvas home page, for information regarding classroom behavior, requirements for COVID-19, preferred student names and pronouns, disabilities, religious holidays, discrimination and harassment, and the CU Honor Code.