Course Objective: (1) Understand the concepts, techniques and applications of differential and integral calculus, and (2) to improve problem solving and critical thinking. This class will form the basis of many of the standard skills required in all of Engineering, the Sciences, and Mathematics.

Text: We will cover Chapters 1–5 of *Essential Calculus, Second Edition* by James Stewart. You will also need an access code for WebAssign’s online homework system. The ISBN for the book, bundled with the access code is 978-1-133-42582-3.

Recitations: Recitations meet on Tuesdays. The purpose of the recitation is to help clarify the concepts and techniques covered in lecture, to help you understand the homework and to take quizzes. You will turn in homework in recitation, see schedule.

Grade Determination: There are a total of 600 points for the course: written homework (50 points), online homework (50 points), recitation quizzes (50 points), three unit exams (100 points each), and a cumulative final exam (150 points). You must earn an average of 55% or better on your exams (midterms and final) in order to earn a D- or better in the course. After the final exam, if your exam scores average to less than 55%, it is not possible to earn a D- or better in the class. After the final exam, if your exam scores average to 55% or better, then your homework and quiz points will be factored in to determine your course grade. (Note: It is possible to have a 55% average on the exams and still earn a D or F in the course if your homework and quiz scores are low.)

After the final exam, if your exam scores average to 55% or better, then your homework and quiz points will be factored in to determine your course grade and the approximate course grade lines will be calculated based on the following:

- A- ≥ 89%
- B- ≥ 78%
- C- ≥ 65%
- D- ≥ 55%

These grade cuts may be lowered very slightly (i.e. “made easier”) but they will not be raised (i.e. made harder).

Exams: There will be three unit exams and a comprehensive final. The midterm exams will be given from 5–6:30 p.m. on Wednesdays (Sep. 23, Oct. 21 and Nov. 18) with no exceptions. The final exam will be given on Thursday, Dec. 17 from 7:30–10 a.m. Check the course webpage for exam locations. There will be no make-up exams or early exams. If you are unable to take an exam due to illness, you must bring a note from your doctor which sufficiently documents your illness and absence, your absence will not be excused if your documentation is deemed unsatisfactory. Your course grade will then be determined by the rest of your course work. Students who qualify for special accommodations must present the appropriate paperwork to their instructor within the first two weeks of class. Please bring your CU ID to each exam. Electronic devices of any kind (e.g. calculators, computers, MP3 players, cell phones, Google watches, etc.) are NOT allowed during the exams.

Homework and Quizzes: Online homework is due every class period by 8 a.m. of the due date (see schedule). Written homework is due once a week in recitation (see schedule). Late homeworks will not be accepted. All of the online problems will be graded. Your three lowest scores from the online homework will be dropped. Selected problems from each written homework will be graded. At the end of the semester, your lowest two written homework scores will be dropped. There will be quizzes in recitations, some of these may be unannounced. At the end of the semester, your two lowest quiz scores will be dropped.

Online Homework: [http://www.webassign.net/colorado/login.html](http://www.webassign.net/colorado/login.html) (access needs to be purchased)
Corrections Policy: It is your responsibility to review homework, quizzes, and exams within one week after they have been returned in class and to verify that the grades have been posted correctly in D2L. After one week, we will assume the grades in D2L have been correctly recorded and no further changes will be made.

Course web page and D2L: [http://amath.colorado.edu/course-pages/](http://amath.colorado.edu/course-pages/) and [http://learn.colorado.edu/](http://learn.colorado.edu/)

It is your responsibility to check both the course web page and the D2L webpage on a regular basis. You will find detailed information such as homework and exam solutions, past exams, exam rooms and times and office hours. Your homework, quiz, and exam grades will be posted on D2L and the course web page contains our policies on illness, academic honesty, and special accommodations for religious holidays and documented special needs.

Applied Math Help Room: The Calculus 1 Help Room will be ECES 109 (“The Hot Teal Room”). All teaching assistants will hold their office hours in this room. The schedule will be posted on the course webpage and outside of ECES 109. You can go to any Calculus 1 teaching assistant or faculty member for help.

Extra help: In addition to office hours, the CU Residence Halls run regular Math Labs and tutoring is available through the dorms, the Engineering Peer Advocates, and the Engineering Fellows.

Blue books: Each student is required to purchase five 8.5 × 11 blue books and give them to your T.A. by the second recitation (September 1). These will be distributed for the exams, so please do not write anything (not even your name) on the front of the blue books.

Academic Honesty: Students can work in groups however, all work turned in must be your own. Violation of the CU Student Honor Code ([http://www.colorado.edu/policies/student-honor-code-policy](http://www.colorado.edu/policies/student-honor-code-policy)) will result in an automatic final grade of F in the course.

Beyond Calculus I: You must receive a grade of C- or better in this course in order to advance to APPM 1360 (a C or better in some majors), unless a petition is approved by the Dean of the College of Engineering.

Dropping the course: Advice from the Dean’s office and your department advisor is recommended before dropping any course. After October 30, dropping the course is only possible with a petition approved by the Dean’s office, see [http://www.colorado.edu/registrar/](http://www.colorado.edu/registrar/)