

Course Goals: (1) To understand the concepts and techniques of differential and integral calculus and (2) to improve your problem solving and critical thinking ability

Text: Calculus and Analytical Geometry, 9th Ed. by Thomas and Finney (blue cover) OR Thomas' Calculus, Alternate Edition, by Thomas and Finney (maroon cover).

Recitations: Recitations meet for 1 hour on Tuesdays. One purpose of the recitation is to help you with your homework. More importantly, recitations are intended to clarify the Calculus I concepts.

Homework and Quizzes: To do well in this course you must come to lectures and recitations and you must understand the homework. Homework is due at the *beginning* of each lecture. Late homework will not be accepted or graded. Selected problems will be graded and then returned during the next recitation. To ensure that you have correctly answered each problem check the solutions on our webpage.

Exams: There will be three unit exams and a comprehensive final. The unit exams will be given on Wednesdays (Sept. 27, Oct. 25, Nov 29) from 5-6:30 p.m. The final exam will be Wednesday, Dec. 20, 4:30-7 p.m. There will be an optional exam on Wednesday, December 13 from 5-6:30 p.m. At that time you may make up any one of the previous unit exams. As you enter the room, you must declare the exam that you wish to make up. At the conclusion of the exam you may throw away the exam or hand it in for grading. Once you hand it in, the grade you receive will be your grade for that exam even if it is lower than your original grade. At least 25% of the points on each exam will come from homework problems. Bring your CU ID to every exam. No electronic devices are allowed during exams. If you have questions about the grading of an exam, you must submit a detailed written explanation to your instructor within one week, addressing specific grading errors.

Grade Determination: There are a total of 600 points for the course: homework (100 points), recitation quizzes (50 points), three unit exams (300 points total), comprehensive final exam (150 points).

Calculators: A graphing calculator is suggested for this course, such as the TI-83, TI-83+, TI-89 or TI-92...

Dropping the Course: Advice from your instructor and the Dean's office is recommended before dropping any course. After October 11, dropping the course is only possible with a petition approved by the Dean's office.

Extra Help: You are encouraged to get extra help on a regular basis. The TAs and instructors have multiple office hours, which are posted on the course page. You may attend ANY instructor or TA's posted office hours. You may also register for GEEN 1350, a 1 credit pass/fail workshop course design to help with Calculus I. The CU residence halls run regular math labs, tutoring is available through dorms or the Engineering Peer Advocates, and online tutoring is available at <http://onlinetutor.cu.edu>.

Oral Assessments: Students will be given the opportunity to discuss the concepts covered in each unit test in a one hour long small group. These orals will be facilitated by TAs, LAs and instructors. They are optional but will help students prepare for the unit tests. More details are provided in the first class of the semester.

Course Web page: (<http://amath.colorado.edu/courses/1350/>) It is your responsibility to check the web page on a regular basis. You will find detailed information such as homework assignments and solutions, past exams, tutoring options, pre-exam review sessions, exam rooms and times and office hours. There are policies on illness, academic honesty and special accommodations for religious holidays and documented special needs.

Blue Books: Each student is required to provide five 8.5 X 11 blue books to their TAs by the second recitation. These will be distributed at the exams, so do not write anything (not even your name) on them.

Academic Honesty: Students are encouraged to work in groups, however, **all work turned in must be your own**. Violation of the CU Student Honor Code (<http://www.colorado.edu/academics/honorcode>) can result in an overall grade of F in this course.

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

