

Course Goals: (1) Understand the concepts, techniques and applications of differential and integral calculus, (2) understand sequences and series, and (3) improve your problem solving and critical thinking skills.

Text: Chapters 6.10, 6.11, 5.1-5.7, 7.1-9.9, 9th ed., *Calculus* by Thomas & Finney (blue cover) OR *Thomas' Calculus, Alternate ed.*, by Thomas & Finney (maroon cover).

Recitations: Recitations meet for 1 hour on Tuesdays. The purpose of the recitation is partly to help you with the homework you do not understand. More importantly, it is intended to further clarify the Calculus II concepts.

Homework and quizzes: To do well in this course come to the lectures and do (and understand) the homework. Ask questions. Homework is due at the start of lecture. Late homework will not be accepted or graded. Selected problems will be graded and then returned during the next recitation. Solutions will be posted on the web.

Exams: There will be three unit exams and a comprehensive final. The unit exams will be given on Wednesdays (Feb 11, Mar 11, Apr 15) from 7-8:30 pm. The final exam is Wednesday, May 6 from 7:30-10:00 am. There will be no make-up exams or early exams. If you are sick during a unit exam, please bring a note from your doctor verifying your illness. Your course grade will then be determined by the rest of your course work. A special needs room for people with documented disabilities will be provided for each exam. See your instructor and the course web page for more information. Please bring your CU ID to each exam. Electronic devices are not allowed during the exams. If you have questions about exam grading, within one week of the exam submit to your instructor a detailed written explanation addressing specific grading errors.

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.

Grade determination: There are a total of 650 points for the course: homework assignments (100 points), three unit exams (100 points each), recitation quizzes (50 points) and a cumulative final exam (200 points).

Dropping the course: Advice from the Dean's office is recommended before dropping any course. After February 25, dropping the course is possible only with a petition approved by the Dean's office.

Extra help: You are encouraged to get extra help whenever you need it. The TAs and I each have office hours, which are also posted on the course webpage. You may go to any instructor's or TA's posted office hours, even if they are not your regular instructor or TA. Also, you may register for GEEN 1360, a 1-credit hour pass/fail workshop course, to help you with Calculus II. The CU Residence Halls run regular Math Labs, tutoring is available through the dorms or the Engineering Peer Advocates, and evening online tutoring is available at <http://onlinetutor.cu.edu>.

Course web page: (<http://amath.colorado.edu/courses/1360/>) It is your responsibility to check the web page on a regular basis. Here 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. In addition, it contains policies on illness, academic honesty, and special accommodations for religious holidays and documented special needs. Please periodically check your grades on WebCT.

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

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>) or the College of Engineering's Academic Honesty Advising Guidelines (http://www.colorado.edu/engineering/ar_ugradadvising.html) will result in a final grade of F in this course.

Beyond Calculus II: You must receive a grade of C- or better in this course in order to advance to APPM 2350 (a C or better in some majors), unless a petition is approved by the Dean of the College of Engineering.