APPM 1350 Calculus I Fall 2003

Lecture 010:
MWF 8:00–8:50 am, ECCR 265
Instructor: Dr. Robertson
ECOT 232, (303)492-0694
alexander.robertson@ngc.com

Lecture 020:
MWF 1:00–1:50 pm, ECCR 265
Instructor: Adam Norris
ECOT 217, (303)492-7566
adam@colorado.edu

Lecture 030:
MWF 12:00–12:50 pm, ECCR 200
Instructor: Marcio Carvalho
ECOT 536, (303)492-3751
carvalhm@colorado.edu

Lecture 050:
MWF 2:00–2:50 pm, ECCR 1B40
Instructor: Michael Sprague
ECOT 322, (303)492-2646
michael.sprague@colorado.edu

Lecture 060:
MWF 9:00–9:50 am, ECCR 265
Instructor: Dr. Dougherty
ECOT 220, (303)492-4011
adougher@colorado.edu

Course Goals: (1) Learn the concepts and techniques of differential and integral calculus and (2) improve your problem solving and critical thinking skills.

Text: Chapters P, 1–4, and most of 6 from *Calculus and Analytic Geometry*, 9^{th} ed., 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. More importantly, the recitation is intended to further clarify the Calculus I 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. Homework solutions will be posted in the hall across from ECOT 212 and on the course web page. Quizzes will be given weekly in recitation and will come from homework.

Exams: There will be three unit exams and a comprehensive final. The unit exams will be given on Wednesdays (Sep 24, Oct 22 and Nov 19) from 5:00–6:30 pm, with no exceptions. The final exam is Saturday, Dec 13 from 7:30–10:00 pm. 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. Please bring your CU ID to each exam. Calculators and crib sheets are not allowed on the exams. 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.

Grade determination: There are a total of 600 points for the course: homework assignments (100 points), quizzes (50 points), three unit exams (100 points each), and a cumulative final exam (150 points).

Calculators: A graphing calculator that can also evaluate definite integrals and series is suggested for this course. The TI–89 or TI–92 are recommended because of their ability to do symbolic calculations.

Dropping the course: Advice from the Dean's office is recommended before dropping any course. After Oct 8, 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 posted on the 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 1350, a 1-credit hour pass/fail workshop course, to help you with Calculus I. The CU Residence Halls run regular Math Labs and tutoring is available through the dorms or the Engineering Peer Advocates. In addition, review sessions will be scheduled just before each exam. Finally, evening tutoring help is available through the online tutoring program, *http://onlinetutor.cu.edu*.

Course web page: *http://amath.colorado.edu/courses/1350/*
You will find useful information on the course web page, such as homework assignments and solutions, practice exams with solutions, and where to go if you are having trouble with course material (i.e. tutoring options, pre-exam review sessions, and office hours). You are encouraged to get help whenever you need it, so all TAs and instructors for this course have their office hours posted on the web page.

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 (Sept 2). 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 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 I: You must receive a grade of C- 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.