Course Objective: (1) Understand the concepts, techniques and applications of differential and integral calculus, (2) to understand sequences and series, and (3) to improve problem solving and critical thinking. This class will form the basis of some standard skills required in Math, Engineering and the Sciences.

Text: We will cover Chapters 6–9 of *Essential Calculus, Second Edition* by James Stewart. You will also need an access code for WebAssign’s online homework system.

Grade Determination: There are a total of 600 points for the course: written homework (50 points), online homework (50 points), quizzes (50 points), three 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.)

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 (Sept. 23, Oct. 21 and Nov. 18) with no exceptions. The final exam will be given on Thursday, Dec. 17 from 7:30 a.m.–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, etc.) are NOT allowed during the exams.

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

Homework and Quizzes: Online homework is due everyday of class by 8 a.m. of the due date as per the 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 and selected problems from each written homework will be graded. There will be quizzes in recitations, some of these may be unannounced.

Online Homework: http://www.webassign.net/colorado/login.html (access needs to be purchased)

Course webpage/D2L: http://amath.colorado.edu/course-pages/ Here you will find detailed information such as homework and exam solutions, past exams, 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. It is your responsibility to check the class webpage and D2L on a regular basis.

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 (Sept. 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.

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://registrar.colorado.edu

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.

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) will result in an automatic final grade of F in the course.