APPM 1360 Calculus II Fall 2008

Lecture 010
MWF 8:00–8:50 am, ECCR 1B40
Instructor: Mary Nelson
ECOT 327, (303)492-4152
mary.neslon@colorado.edu

Lecture 020
MWF 1:00–1:50 am, ECCR 245
Instructor: Adam Norris
ECOT 212, (303)492-7566
adam@colorado.edu

Lecture 030
MWF 2:00–2:50 pm, ECCR 265
Instructor: Adam Norris
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Course Goals: This course extends the concepts and techniques of single-variable Calculus. The main topics include applications of integrals, integration techniques, infinite series and planar curves. This class will form the basis of your set of everyday working skills required for Mathematics, Engineering and the Sciences.

Text: Chapters 5, parts of 6, and 7–9 of *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, but more importantly, to further clarify the Calculus II concepts.

Homework: To do well in this course come to the lectures and do (and understand) the homework. Homework is due at the start of each lecture. Late homework will not be accepted or graded. Each week selected homework problems will be graded and returned during recitation. Solutions to all problems will be posted on the course web page.

Exams: There will be three midterm exams and a comprehensive final. The midterm exams will be given on Wednesdays (Sep 24, Oct 22 and Nov 19) from 7:00–8:30 pm, with no exceptions. The final exam is Monday, Dec 15 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. Electronic devices are not allowed on the exams.

Grade determination: There are 650 points for the course distributed over homework assignments (100 points), recitation quizes (50 points), three midterm exams (100 points each), and a cumulative final exam (200 points). You must earn a C- or better on your exams to earn a grade of C- or better in the course. If your exam scores average to something less than a C-, it is not possible to earn a C- or better in the class.

Technology: Graphing calculators that can numerically evaluate definite integrals and series are suggested for this course, for example the TI–89 or TI–92.

Extra help: You are encouraged to get extra help whenever you need it. Office hours of all instructors and TAs are posted on the webpage. You may go to any office hours, even if they are not for your regular instructor or TA. CU Residence Halls run regular Math Labs, and tutoring is available through the dorms or the Engineering Peer Advocates. Evening review sessions are run before each exam.

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 concerning homework assignments and solutions, past exams, tutoring options, pre-exam review sessions, exam rooms and times, and office hours. In addition, it details policies on illness, academic honesty, and special accommodations for religious holidays and documented special needs.

Blue books: Each student is required to purchase **five** 8.5×11 blue books and give them to the TA by the second recitation (Sep 2). These will be distributed at the exams, so please do not write anything (not even your name) on the front of the blue books.

Beyond Calculus II: You must receive a grade of C- or better in this course in order to advance to APPM 2350 or 2360, 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 Oct 8, dropping the course is possible only with a petition approved by the Dean's office.

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 an automatic final grade of F in this course.