

Lecture 010, MWF 8:00–8:50 am, ECCR 265
 Instructor: Mary Nelson, ECOT 231, (303) 492–4152
mary.nelson@colorado.edu
 Office Hours: MWF 7–8 am, MW 10 am–12 pm

Lecture 030, MWF 1:00–1:50 pm, ECCR 265
 Instructor: Theodoros Horikis, ECCR 251, (303) 492–4543
theodoros.horikis@colorado.edu
 Office Hours: MWF 2–3 pm

Lecture 020, MWF 11:00–11:50 am, ECCR 1B40
 Instructor: Matthew Tearle, ECOT 327, (303) 735–0919
matthewt@colorado.edu
 Office Hours: M 12–1 pm, T 9–10 am, W 10–11 am, R 9–11 am

Lecture 040, MWF 10:00–10:50 am, ECCR 245
 Instructor: Anca Radulescu, ECOT 338, (303) 735–6209
radulesc@colorado.edu
 Office Hours: MW 12–1 pm

Course Goals: This course extends the concepts and techniques of single-variable Calculus. The main topics include applications of integrals, integration techniques, infinite series, analytic geometry 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: *Thomas' Calculus*, Alternate ed., by Thomas & Finney (maroon cover) OR *Calculus and Analytic Geometry* 9th ed., by Thomas & Finney (blue 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 II concepts.

Homework: To do well in this course you must **come to the lectures, work and understand** the homework. Homework is due at the start of each lecture, except as noted. 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 on the course web page.

Exams: There will be three midterm exams and a comprehensive final. The midterm exams will be given on Wednesdays (Feb 14, Mar 14, Apr 18) from 7:00–8:30 pm, with no exceptions. The final exam is Mon, May 7 from 7:30–10:00 am. There will be **no** make-up exams or early exams. If you are sick during a unit exam, you must bring a note from your doctor verifying your illness. Your exam grade will then be determined by the rest of your exams. Please bring your CU ID to each exam. Electronic devices are not allowed on the exams.

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

Technology: Although not required, you may find it useful to have a graphing calculator that can also evaluate definite integrals and series. The TI-89 or TI-92 are recommended because of their ability to do symbolic calculations.

Extra help: You are encouraged to get extra help. The TAs and I each have office hours, which are posted on the webpage. You may go to any TA or instructor's posted office hours, even if they are not your regular instructor or TA. Also, 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/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.

Blue books: Each student is required to purchase **five** 8.5×11 blue books and give them to the TA by the second recitation (Jan 23). These will be distributed for 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 (C or better, for some majors) 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 Feb 28, dropping the course is possible only with a petition approved by the Dean's office.

Academic Honesty: Students can learn with others, 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.