APPM 1360   Calculus II   Spring 2018

APPM 1360 Lectures					
Lecture	Time, MWF	Room	Instructor	Office	Email
110	8-8:50 am	FLMG 157	Thaler	ECCR 241	eric.thaler@colorado.edu
120	9-9:50 am	FLMG 104	Oscamou	FLMG 210	maribeth.oscamou@colorado.edu
130	10-10:50 am	EKLC E1B20	Chang	ECCR 241	silva.chang@colorado.edu
140	11-11:50 am	ECCR 265	Dougherty	ECOT 220	anne.dougherty@colorado.edu
160	1-1:50 pm	ECCR 245	Chang	ECCR 241	silva.chang@colorado.edu
170	2-2:50 pm	HUMN 1B50	Abrahamsen	STAD 262	dylan.abrahamsen@colorado.edu
180	3-3:50 pm	ECCR 105	Lindsey	FLMG 207	daniel.lindsey@colorado.edu
520R	12-12:50 pm	KCEN N252	Lindsey	FLMG 207	daniel.lindsey@colorado.edu
549R	9-9:50 am	KCEN N101	Cox	ECOT 343	murray.cox@colorado.edu

Course Goals: This course extends the concepts and techniques of single-variable Calculus. The main objectives are to (1) improve integration techniques and applications of differential and integral calculus, (2) understand sequences and series, and (3) improve problem solving and critical thinking skills. This class will form the basis of your set of everyday working skills required for math, engineering and the sciences.

Text: Chapters 6–9 of: *Essential Calculus*, second edition, by Stewart. **You will also need an access code for WebAssign's online homework system. The ISBN for the book, bundled with the access code, 978-1-133-42582-3.** The access code also can be purchased separately.

Attendance: While attendance in lecture is not mandatory it is strongly recommended. Students who do not attend lecture regularly do not do well in this course.

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

Grade determination: There are a total of 600 points for the course. The points are distributed over written homework assignments (50 points), WebAssign homework (50 points), recitation quizzes (50 points), three midterm 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%, you will earn an F in the course regardless of your homework and quiz scores. (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.)

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 and the approximate course grade lines will be calculated based on the following:

$$\text{A-} \geq 89\% \qquad \text{B-} \geq 78\% \qquad \text{C-} \geq 65\% \qquad \text{D-} \geq 55\%$$

These grade cuts may be lowered very slightly (i.e. "made easier") but they will not be raised (i.e. made harder).

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 7-8:30 pm. The final exam is **Sat, May 5**, **10:30 am to 1:00 pm**. Check the course web page for exam locations. Please bring your CU ID to each exam. **No** electronic devices (e.g. computers, calculators, cell phones, Google watches, etc.) are allowed at the exams.

There will be **no** make-up exams or early exams. If you are unable to take a midterm due to illness, you must bring a note from your doctor which sufficiently documents your illness and absence. Your course grade then will be determined by the rest of your course work.

Homework and Quizzes: Online homework is due every class period by **8 a.m.** of the due date (see 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. Your three lowest scores from the online homework will be dropped. Selected problems from each written homework will be graded. At the end of the semester, your two lowest written homework scores will be

dropped. There will be **quizzes** in recitations, some of these may be unannounced. At the end of the semester, your two lowest quiz scores will be dropped.

Online Homework: Online homework can be accessed through `www.webassign.net/colorado/login.html`. Use your CU Identikey name (8 characters) and password. To encourage you to read ahead and be prepared for lecture there will be one to two WebAssign questions from the next day's material.

Extra help: You are encouraged to get extra help. The TAs and instructors each have office hours, which are posted on the course web page. The TAs will hold their office hours in the Applied Math Learning Center, ECCR 211. You may visit any Calculus 2 TA or instructor posted office hours, even if they are not your regular instructor or TA. In addition, review sessions will be scheduled just before each exam. Finally, tutoring is available through the dorms, the Student Success Center in the BOLD Center, and the Engineering Fellows.

Course web page: (`http://www.colorado.edu/amath/course-pages`) It is your responsibility to check the course web page on a regular basis. Here you will find detailed information such as 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. Student grades and homework problems and answers will be posted on our D2L web page (`learn.colorado.edu`).

Corrections Policy: It is your responsibility to review homework, quizzes, and exams within one week after they have been returned in class and to verify that the grades have been posted correctly in D2L. After one week, we will assume the grades in D2L have been correctly recorded and no further changes will be made.

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 in this course in order to advance to APPM 2350 or 2360 (a grade of C or better is required for some engineering majors).

Dropping the course: Advice from your department advisor is recommended before dropping any course. After Mar 23, dropping the course is possible only with a petition approved by the Dean's office.

Academic Honesty: Students may work in groups, however **all work turned in must be your own**. Violations of the CU Student Honor Code (`www.colorado.edu/policies/student-honor-code-policy`) will result in an automatic final grade of F in this course. Note that copying homework solutions from internet resources is plagiarism, a violation of the CU honor code.