APPM 1360   Syllabus   Fall 2018

Section 110, ECCR 105
    MWF 8:00-8:50 AM
	Section 549R, ANDS N103
	    MWF 9:00-9:50 AM
		Section 170, HLMS 201
		    MWF 2:00-2:50 PM

Section 130, HLMS 201
    MWF 10:00-10:50 AM
	Section 160, ECCR 1B40
	    MWF 1:00-1:50 PM	

Instructor: Eric Thaler e-mail: *eric.thaler@colorado.edu* Office: ECCR 241 Office hours: MWF 11:05-11:55, 1:00-1:50 PM	Instructor: Adam Norris e-mail: *adam@colorado.edu* Office: ECOT 212 Office hours: MWF 10:00-11:00*	Instructor: Lucas Monzon e-mail: *lucas.monzon@colorado.edu* Office: ECCR 244 Office hours: M 4-6 PM, F 4:30-5:30 PM

*Available most of these days/times

COURSE OBJECTIVE: 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.

TEXTBOOK: *Essential Calculus*, 2nd Edition by James Stewart. You will also need an access code for WebAssign's online homework system. The ISBN for the book bundled with the access code is 978-1-133-42582-3. The access code can also be purchased separately. We will cover Chapter 6 through 9.

RECITATIONS: Recitations meet on Tuesday. The purpose of the recitation is to help clarify the concepts and techniques covered in lecture, to help you understand the homework, to take quizzes and to turn in written homework.

QUIZZES: Given in recitation on most Tuesdays throughout the semester (see schedule). There will be 10 quizzes. Your two lowest quiz scores will be dropped from the final grade calculation.

WRITTEN HOMEWORK: Handed in to your TA at the beginning of recitation each week. *Late homework will not be accepted*. Hand in organized and neat work. Some suggestions: staple pages together, remove spiral notebook fringes, write in pencil from top to bottom, left to right, box in final answers, and put your name and recitation number on the paper. Grades for written homework will be based on the correct answers to selected problems, as well as the proper notation and work shown to arrive at answers, completion of the entire assignment and neatness. There will be 14 written homework assignments. Your two lowest written homework scores will be dropped from the final grade calculation.

ONLINE HOMEWORK: Completed in WebAssign and due on most lecture days throughout the semester at 11:59 PM (see schedule). Extensions for WebAssign homework will **NOT** be granted. When using WebAssign, be certain to always log into www.webassign.net/colorado/login.html, entering your IdentiKey credentials to do so. You should treat the WebAssign homework like the written homework, doing the work on paper, showing the steps, notation, justification, *etc.*, prior to submitting your answer into the system (for most problems you have 100 attempts to submit the correct answer). This gives you more practice in writing up solutions, similar to what will be expected on your other work, including exams. Your three lowest WebAssign scores will be dropped in the final grade calculation.

EXAMS: There will be three midterm exams and a comprehensive final exam. The midterm exams will be given on Wednesdays (**September 26, October 24, November 28**) from 6:00 PM-7:30 PM. The final exam is **Monday, December 17, 7:30 AM-10:00 AM**. Check the course web page 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. If excused, your course grade will be determined by the rest of your course work. If unexcused, a zero will be recorded for your exam score. Students who qualify for special accommodations must present the appropriate paperwork to their instructor within the first week of class. Please bring your CU ID to each exam. Electronic devices of any kind (*e.g.* calculators, computers, music players, cell phones, head phones, *etc.*) as well as any notes, cheat sheets, papers, *etc.* are **NOT** allowed during the exams.

BLUEBOOKS: Each student is required to purchase **four (4)** 8.5" × 11" blue books and give them to their TA by the second recitation (September 4). Do not write anything anywhere on or in these bluebooks as they will be used for the exams.

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CORRECTIONS POLICY: It is the student's responsibility to review homework, quizzes, and exams within three days after they have been returned in class and to verify that the grades have been posted correctly in D2L. After one week, your instructor/TA will assume the grades in D2L have been correctly recorded and no further changes will be made.

GRADE DETERMINATION: You can earn up to 600 points in the class, distributed as follows: written homework (50 points; 1/12 of final grade), WebAssign/online homework (50 points; 1/12 of final grade), quizzes (50 points; 1/12 of final grade), three midterm exams (300 points; 1/2 of final grade [100 points; 1/6 of final grade each $\times$ 3]) and the cumulative final exam (150 points; 1/4 of final grade). In order to earn a C- or better in this class, you must have an exam average of 55% or better (midterms plus final) and an overall course average of 65% or better. Your overall score will be rounded to the nearest tenth of a percentage point before determining your final grade. The grade cutoffs will be approximately 90% for A-, 80% for B-, 65% for C-, 55% for D-. Note that your exam scores weigh heavily in the final grade computation (75%). It behooves you to perform well on the exams and that is aided by doing well on the homework and quizzes.

IMPORTANT WEB SITES: It is your responsibility to check the following websites on a regular basis. There you will find the course syllabus, information on homework assignments and answers, past exams, office hours, grades, homework schedules, *etc.* In addition, you will find policies on illness, academic honesty, and special accommodations for religious holidays and documented special needs.

- Course web site

- WebAssign

- Desire to Learn (D2L)

OTHER USEFUL WEBSITES:

- Exam Archive

- Fall Academic Calendar

- Final Exams

ACADEMIC HONESTY: Students can study with others, however, ***all work turned in must be your own***. Violations of the CU Student Honor Code will result in an automatic final grade of F in this course. Note that copying homework solutions from internet resources (*e.g.* Wolfram Alpha, Desmos, *etc.*), another student's work, a textbook, *etc.* is plagiarism, a violation of the CU honor code.

DROPPING THE COURSE: Advice from the Dean's office and your department adviser is recommended before dropping any course. After November 2, dropping the course is only possible with a petition approved by the Dean's office; click here for further information.

BEYOND CALCULUS 2: You must receive a grade of C– or better in this course in order to advance to Calculus 3, APPM 2350. (A grade of C or better is required in some majors.)

TIPS FOR SUCCESS: This course will go at a pace faster than you may be accustomed to. In addition to the time you spend in class (lecture and recitation), you should plan on devoting at least another 10-12 hours per week to studying for this class (going over notes, reading the textbook, completing homework assignments, studying for exams, *etc.*)

ACCOMODATION FOR DISABILITIES: If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the Disability Services website. Contact Disability Services at 303-492-8671 or *dsinfo@colorado.edu* for further assistance. If you have a temporary medical condition or injury, see Temporary Medical Conditions under the Students tab on the Disability Services website.