

C A L C U L U S 3

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Instructor: **Name:** Patrick Newberry
 Office: MATH 212
 Office Hours: MTWRF 11:30AM - 12:30PM, MWRF 2PM - 3PM (Or by appointment)
 Email: Patrick.Newberry@Colorado.EDU

Course webpage:

<http://math.colorado.edu/~newberry/Summer12/MATH2400.htm>

Class Meetings: ECCR 116 MTWRF 12:45PM – 1:50PM

Text: ***Calculus, 5th Edition*** by Hughes-Hallett, Gleason, McCallum et al. John Wiley & Son's, 2009. ISBN 978-0470-08914-9.

Prerequisite: Calculus 2.

Work Load: Although there is not much "required" out-of-class work, you will need to do additional problems in order to succeed. It is recommended to work through the webwork problems, or additional problems in the book.

Also, the difficulty in the class resembles an exponential curve. Do not lose steam, and be prepared to allot more time as the course goes on.

Grading: ▷ Your course grade will be computed from:

- **Written Homework** 25%25%
- **Homework Presentations** 10%10%
- **Quizzes** 15%15%
- **4 Midterm Exams** 10%\15%\10%\15%50%

Homework: Written homework will be done in groups of 3-4 people. While everyone in the group should be working on the problems and sharing ideas, each person should have a specific job during the week, which would rotate throughout the semester: Writing up the assignment (Scribe), writing a cover page (Reporter), and ensuring everyone in group understands the solutions (Clarifier). A useful guide about what we expect out of the written solutions is linked on my website. The cover page should list who did what job, describe how the week went, and if there was any disagreement about a solution, explain and perhaps give the dissenting solution. It is not unlikely for written homework problems to appear again later on, so it is important for everyone to understand all of the solutions. Homework will be due each Monday, and late homework will not be accepted. Part of the assignment will be carefully graded for correctness and thorough explanations. The rest will be graded for completeness, and will be the problems to be presented.

Presentations: Each Monday 2-3 groups will choose a person (different each time) to present a homework problem. Make sure you can completely explain the problem, and give work or pictures, if necessary.

Quizzes: Each Wednesday, an in-class quiz will be given.

Exams: ▷ **Midterm Exams.**
 The four exams will be on the following days:
 1st: Fri, June 22, **2nd:** Fri, July 7, **3rd:** Fri, July 27. **4th:** Fri, August 10.
 ▷ The exams will be held out of class, at a time and location to be decided later. You will have 2 hours for each exam.

STUDENTS WITH DISABILITIES

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322, and www.Colorado.EDU/disabilityservices

RELIGIOUS OBLIGATIONS

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In case of conflict with a test, please let me know at least two weeks in advance. See full details at

http://www.colorado.edu/policies/fac_relig.html

CLASSROOM AND COURSE-RELATED BEHAVIOR

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty have the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at

<http://www.colorado.edu/policies/classbehavior.html> and at

http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code.

DISCRIMINATION AND HARASSMENT

The University of Colorado at Boulder policy on Discrimination and Harassment

(<http://www.colorado.edu/policies/discrimination.html>), the University of Colorado policy on Sexual Harassment and the University of Colorado policy on Amorous Relationships applies to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

UNIVERSITY'S HONOR CODE

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at

<http://www.colorado.edu/academics/honorcode/>.