University of Pennsylvania
Math 240 Calculus III Fall 2012

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I am also available by appointment.

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Course Objective: To understand and apply the basic concepts of linear algebra and differential equations. Additionally, we will investigate a few more advanced topics in vector calculus, namely Stokes' theorem and the divergence theorem.

Class: Lecture will meet three times a week on Monday, Wednesday and Friday from 11:00-11:50am. Students will also be required to attend a 50 minute recitation once weekly. Recitation will be a question and answer session run by a teaching assistant. Attendance in recitation is mandatory, you will take a weekly quiz in recitation and there will be no make-up quizzes.

Classroom Decorum: Cell phones may not be used during class (no texting) and should be silent. Laptops may not be used for anything other than taking notes. It is important that you refrain from excessive talking during lecture as a courtesy to your fellow students. Students will receive Course Problem Notices (CPNs) for poor attendance, poor test grades, poor homework or quiz grades, or poor behavior in lecture.

Course Webpage : http://www.math.upenn.edu/~ryblair/Math240F12/index.html
Blackboard will be used as a grade server so that students can always know their standing in the course. To log in to blackboard, follow this link: http://www.library.upenn.edu/courseware/

Email Policy: Your email will receive a response only if it adheres to the following guidelines.
   1) The course number (Math 240) and the subject is contained in the subject line.
   2) The email was sent from a Penn account.
   3) The body email begins with the following: Your Name, Your Recitation Number

Text: *Differential Equations and Linear Algebra*, 3rd Ed., Stephen W. Goode and Scott A. Annin, ISBN-13: 978-0130457943.

In addition to our required text, we will be using the following text for the first few weeks of the semester: *Vector Calculus,* 4th Ed., by Susan Jane Colley. This is NOT a required text, rather the relevant sections of this book with be available to you on blackboard.

The required text can be bought in the University bookstore.
Don't buy an older version of the text because the homework problems will be numbered differently and some of them will be missing from the older versions.
There are alternative ways to acquire the text:
1. Rent the textbook from the bookstore (do it early, they will go fast)
2. Get the book used online through one of amazon.com's resellers
3. Buy the international version the same way.

Homework: 0% of your final grade.
Each week's homework assignment can be found on the course webpage (See above for the URL).
Homework will not be collected or graded, however, each quiz will be based on the homework.

Quizzes: 20% of your final grade.
You will have weekly quizzes during the last 10 minutes of recitation. Each week's quiz will feature a mild variation on a homework problem assigned on or before the previous week. Hence, it is a very good idea to complete and study the previous week's homework before your recitation. Think of the quizzes as mini-exams. The lowest quiz score will be dropped. There will be no make-up quizzes given**. No notes of any form are allowed on quizzes.**

Exams: 80% of your final grade.
There will be two closed-book, in-class midterm exams. The first is worth 20% of your grade, the second is worth 25%. You are not allowed to use a calculator during the midterm and final exams but you can prepare and use one 8.5" by 11" sheet of paper (both sides) with handwritten notes of your choice. The final exam will be cumulative (covers all material), common (all 240 students take the same exam) and take place on **Tuesday December 18th from 9am to 11am**. It will count for 35% of your final grade. The final exam is used to set the curve at the end of the course, it determines the grade distribution. Since the exams are given in class there will be absolutely no make-up exams.

Regrades:
All regrade requests should be directed in writing to Prof. Blair. Note that the entire assignment (homework, exam, etc.) will be regraded, and that your total score may go up or down as a result of the regrade. Regrade requests will not be accepted more than one week after the relevant assignment was returned to you, nor will they be accepted after the final exam. Note that once the final grades are submitted, they can only be changed in the presence of a serious grade error.

ADA Compliance : The Office of Student Disabilities Service (SDS) is part of the Weingarten Learning Resources Center. It provides accommodated exams and assistive technology (along with many other services) to students that self-identify in compliance with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Please see their website
(http://www.vpul.upenn.edu/lrc/sds/current_students.php) for more information.

Code of Academic Integrity : The following is from the University's website on academic integrity
"Since the University is an academic community, its fundamental purpose is the pursuit of knowledge.

Essential to the success of this educational mission is a commitment to the principles of academic integrity. Every member of the University community is responsible for upholding the highest standards of honesty at all times. Students, as members of the community, are also responsible for adhering to the principles and spirit of the following Code of Academic Integrity found here http://www.upenn.edu/academicintegrity/ai_codeofacademicintegrity.html
If a student is unsure whether his action(s) constitute a violation of the Code of Academic Integrity, then it is that student's responsibility to consult with the instructor to clarify any ambiguities."

Get Help : Before it's too late, please seek out help. One definition of too late is after you receive a low exam 1 score. The hardest part of the course is keeping up with the pace. Each lecture will cover about 1 to 1 ½ sections of material. If you miss a class, then you will find it hard to catch up. Each section builds off of the previous one so waiting until the weekend to catch up might be impractical.

1. Ask lots of questions in recitation. Take advantage of recitation, don't just show up to take the quiz.
2. Instructor's office hours
3. TA's office hours
4. Sunday Night Reviews http://www.math.upenn.edu/ugrad/calc/help/schedule.html (7-9pm each week)
5. Math/Maple Center http://www.math.upenn.edu/ugrad/calc/help/schedule.html (Mon. - Thurs. 6:30-9:30pm)
6. Online Help http://www.library.upenn.edu/courseware/ (Discussion board on Blackboard's **plenary** site for 240 monitored M- Th 9pm - 1am)
7. Learning Resource Center, offered by the Weingarten Learning Resources Center, in Stouffer Commons, Suite 300, 3702 Spruce Street, Philadelphia PA 19104, tel: (215) 573-9235
8. The Tutoring Center http://www.vpul.upenn.edu/tutoring/index.php
9. Math Department Approved Tutors http://www.math.upenn.edu/ugrad/tutors.html