



## University of Pennsylvania Math 104 Calculus I Spring 2013

**Professor :** Ryan Blair

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**Office :** DRL 4N59

**Office Hours :** Tuesday 2-3 pm and Thursday 3-4 pm

**Teaching Assistant:**

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**Course Objective:** To understand and apply the basic concepts found in a second semester calculus course, namely volumes and surface areas of revolution, integration techniques and applications, first order ordinary differential equations, sequences and series.

**Class:** Lecture will meet two times a week on Tuesday and Thursday from 10:30-11:50am. 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 quiz grades, or poor behavior in lecture.

**Course Webpage :** <http://www.math.upenn.edu/~ryblair/Math104/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 104) 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:** Thomas' Calculus, Custom Edition for the University of Pennsylvania.

Pearson 2011. ISBN 10: 1-256-32659-3 or ISBN 13: 978-1-256-32659-5.

It must be bought in the University bookstore for the relatively low price of \$100 (this same text is used in Math 103 and Math 114). Don't buy the non-custom Penn version of the text because it won't be bundled with the access code to My Math Lab.

**Homework:** 20% of your final grade.

**10% Online HW:** We will use the online homework system called My Math Lab, the login link is:

<http://portal.mypearson.com/mypearson-login.jsp> . An access code comes with the purchase of the new text from the bookstore. You will enter answers symbolically or numerically to problems that are very similar to the problems that are in the textbook. You will know immediately rather or not you got the question right and will have multiple times to enter in a solution. More often than not you will be given a hint to tell you what you might have done wrong. Some of the questions have multiple choices but the majority of them will be short answer. If you are having trouble with a problem you will be able to get help either by watching a video solution to a similar problem or by going through a step-by-step process to solve a similar problem. Problems will be chosen algorithmically (similar problems with different constants involved) so that few students are working on the same exact problem. More details regarding the online homework will follow on Tuesday the 15<sup>th</sup> of January. We will drop the lowest score.

**10% Hand-in HW:** The problems will exam ready questions mostly taken from past final exams. Homework will be handed in weekly during recitation. It will be graded for completeness. We will drop the lowest score.

**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:** 60% of your final grade.

There will be two closed-book, in-class midterm exams. Each is worth 15% of your final grade. The first midterm will be given on **Tuesday February 12<sup>th</sup>** during lecture and the second midterm will be given **Thursday March 21<sup>th</sup>** during lecture. 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 104 students take the same exam) and take place on **Wednesday May 1<sup>st</sup> from noon to 2pm**. It will count for 30% 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. However, students who miss a midterm due to exceptional circumstances (family tragedy, major illness with doctor's note, etc.) will have their grade on the final exam replace their missing midterm grade.

**Regrades:**

All regrade requests should be directed in writing to Prof. Blair. Note that the entire assignment (quiz, 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](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](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) <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) <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) <http://www.vpul.upenn.edu/tutoring/index.php>
9. [Math Department Approved Tutors](http://www.math.upenn.edu/ugrad/tutors.html) <http://www.math.upenn.edu/ugrad/tutors.html>