



Math 104-003 Calculus I

Tentative Syllabus

TuTh • 10:30AM - 12:00PM • A5 DRL

Instructor: Dr. Radmila Sazdanović
Email: radmilas@sas.upenn.edu
Office: 3C5 DRL
Office Hours: Tuesday 3:00pm-4:00pm,
Wednesday 12:00pm-1:00pm
or by appointment

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Office: 3E6A DRL
Office Hours: Monday 11:00am-12:00pm
Wednesday 3:00pm-4:00pm

Blackboard: We will use Blackboard to record homework, quiz, and exam grades, as well as posting assignments and course policies. Please check Blackboard regularly to ensure your grades have been recorded correctly. The course website <http://www.math.upenn.edu/~radmilas/teaching.html> has important course information.

Textbook: 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 because the custom Penn version of the text will be bundled with the access code to *My Math Lab*.

Funny Little Calculus Text: Notes <http://www.math.upenn.edu/~ghrist/FLCT/FLCT.pdf> by Prof. Robert Ghrist, you may find them both very useful and entertaining.

Topics we will cover:

- Review of Basics and introduction to Taylor Series
- First Order Differential Equations : 9.1 - 9.3, 7.2
- Techniques of Integration : 8.1 - 8.4, 8.6, 8.7
- Applications of Definite Integrals : 6.1 - 6.4, 6.6 and Probability
- Infinite Sequences and Series : 10.1 - 10.10

Syllabus for all Math 104 sections:

<http://www.math.upenn.edu/ugrad/calc/m104/syllabi/m104syllabuscore.html>

Course Description:

Schedule: As the course progresses, I will be posting on the Blackboard a schedule detailing what we covered and the homework assigned on those days.

Homework: Weekly homework will consist of the online and hand-in homework. The hand-in homework is due on in the beginning of Thursday classes and late homework will not be accepted. The online part of the homework will be administered using the *MyMath* automated system for homework. You can access the system at: <http://pearsonmylabandmastering.com/> For information on how to register for *MyMath* see the attached flier or go to: http://www.firstdayofclass.com/demos_math.html. Our course ID number is **sazdanovic83574**.

Quizzes: Recitation or online quizzes will be administered each week (except during exam weeks). Quizzes will be based on the assigned homework exercises. There will be no make-up quizzes.

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Exams: There will be 3 midterms during regular classes and a common cumulative final exam. The midterms will be administered during the regular class meeting time. You will be allowed one double-sided handwritten 8.5 x 11in sheet of notes but no calculators or any other kind of technology during these exams. Exams are tentatively scheduled for:

- Midterm I, Tuesday February 14, in class DRL A6.
- Midterm II, Thursday March 22, in class DRL A6.
- Midterm III, Thursday April 19, in class DRL A6.
- Final exam, Friday May 4, 12-2PM, location TBA.

Please consult the schedule below, and let me know immediately if you have a conflict with these dates. If you miss a midterm for a legitimate reason you must provide documentation.

Grading: All course grades will be tabulated on Blackboard. Please make sure you have access to the Blackboard course page. I will determine your grade as follows:

Quizzes 10%: Your lowest quiz score will be dropped.

Homework 15%: 10% for MyMathLab and 5% for the hand-in homework graded for completeness. Two lowest scores, one from online and one written homework will be dropped.

Midterms 40%: Three midterms will count for total of 40%: two highest ones 15% each, and the third 10%.

Final Exam 30%: Note that the final exam is used to set the curve at the end of the course, it determines the grade distribution in each of Math 104 sections.

Your best component 5%: These 5% will be added to your best exam score.

Regrades: All regrade requests should be directed in writing to Prof. Sazdanović. Note that the entire assignment 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.

E-mail communication: Math is difficult to discuss over e-mail, so the instructor and TAs may request that you ask some math questions in person. On the other hand, e-mail is preferred for administrative questions. I respond to all student emails regarding administrative matters within 24 hours (if I have not responded within that time, please ask again, as your email may have been buried in my inbox).

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/> for more information.

Code of Academic Integrity: Penn's Code of Academic Integrity will be strictly enforced. http://www.upenn.edu/academicintegrity/ai_codeofacademicintegrity.html

Additional Resources :

- Undergraduate Math <http://www.math.upenn.edu/ugrad/Undergrad.html>
- Calculus Start-Up Program <http://www.vpul.upenn.edu/tutoring/page.php?id=1063>
- Calculus Help <http://www.math.upenn.edu/ugrad/calc/help/help.html>
- Sunday Night Reviews (7pm-9pm every week)
- Online Blackboard Help <http://www.math.upenn.edu/ugrad/calc/help/schedule.html>