Lecture: M W F 12 PM - 1 PM in DRL A4

Contact Information:
 Lecturer: Shilin Yu
 Office: DRL 3N4A
 Phone: 215-898-5107
 E-mail: shilinyu@sas.upenn.edu

Office Hours: M 4:00PM - 5:00PM, F 1:00PM - 2:00PM, or by appointment

Course Webpage: All homework, course announcements and supplementary lecture materials will be posted on Canvas as well as at
http://www.math.upenn.edu/~shilinyu/teaching/Math104Sp15/


Prerequisite: Math 103 or high school calculus covering differentiation and integration up to u-substitution.

Course Description: We will cover parts of Chapters 6-10. This includes

- Chapter 6: Volumes and Areas.
- Chapter 8: Techniques of Integration.
- Section 8.8: Probability.
- Chapter 10: Sequences and Series.
- Additional: Sections 7.3, 7.4.

A tentative schedule of the class is posted on the course website, which is subject to revision during the semester.

Teaching Assistants:

- Eric Utay
  - Email: eutay@sas.upenn.edu
  - Office Hours: Tuesday 5 - 7 PM in 3C17
  - Recitations:
    * Section 211, Tuesdays 8:30 - 9:30AM in DRL 2C4
    * Section 212, Tuesdays 9:30 - 10:30AM in DRL 2C4
    * Section 213, Thursdays 8:30-9:30AM in DRL 3C2
• Section 214, Thursdays 9:30-10:30AM in DRL 3C2

• Matthew Dunn
  – Email: dunnmatt@sas.upenn.edu
  – Office Hours: Wednesday 2 - 4PM in 3C17
  – Recitations:
    * Section 215, Tuesdays 8:30 - 9:30AM in DRL 4E9
    * Section 216, Tuesdays 9:30 - 10:30AM in DRL 4E9
    * Section 217, Thursdays 8:30-9:30AM in DRL 4E9
    * Section 218, Thursdays 9:30-10:30AM in DRL 4E9

Grading policies: The final grade consists of the following parts:

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<td>Written Homework</td>
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<tr>
<td>Online Homework</td>
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<td>Quizzes</td>
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<td>Midterm Exam I</td>
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<td>Midterm Exam III</td>
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1. **Written homework:** They will consist of old exam problems from previous semesters. This will help immensely in preparing you for the final, and will ensure that the exams are a good measure of how much you understand. Try doing these problems without a calculator, and each problem in under 15 minutes. Homework may not be turned in late. Instead, your lowest score will be dropped. It will be graded for completeness and correctness. You **must** make sure your recitation number is on the front page and that it is stapled. Homework must be turned in by 5pm every Friday. No late homework is accepted unless you have legitimate reason such as illness, family emergency, athletic competitions, etc. Failure to do this may result in a 0 grade. We will drop the lowest score.

2. **Online homework:** This will be done on MyMathLab. You are allowed to submit answers as many times as you’d like, and homework is graded automatically. There are lots of helpful hints and step-by-step solutions. Homework after the deadlines cannot be submitted. Lowest score will be dropped.

3. **Quizzes:** You will have one quiz per week in your recitation section. Failure to show up for a quiz will result in a zero for that quiz. There is no make-up quiz. Your worst score will not be taken into account for your cumulative quiz grade. The course ID of the section is yu46367.

4. **Exams:**
   - Midterm Exam I: Monday February 16 in class
   - Midterm Exam II: Monday Mar 23 in class
• Midterm Exam III: Monday April 20 in class
• Final Exam: Monday May 11, 12:00 - 2:00PM (location TBA)

**Academic Integrity:** In this course, collaboration on homework assignments is allowed and encouraged, but the work you hand in must be entirely your own. You are not allowed to have any outside help (people, books or electronic devices, e.g., calculators) during quizzes or exams. A cheat sheet will be permitted on all exams. Academic integrity is taken very seriously, and Penns Code of Academic Integrity will be strictly enforced. Cheating on homework, quizzes or exams (using notes, copying/sharing work with other students, etc.) will result in a score of 0 on that work and referral to the Office of Student Conduct.

The following is from the Universities 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 students responsibility to consult with the instructor to clarify any ambiguities.”

**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. This most often takes the form of students that require extra time to take an exam taking the exam at the Weingarten Center.

**Get Help:** Before its 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 one of material. If you miss a class and don’t get a chance watch the archived video before the next 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
5. Weingarten Learning Resources Center: [http://www.vpul.upenn.edu/lrc/](http://www.vpul.upenn.edu/lrc/)
Are you ready? You must take a diagnostic exam in your first recitation, this exam is designed to test these review skills that you should know prior to taking Math 104. If you score exceptionally poor on this exam it is recommended that you consider taking Math 103 Introduction to Calculus. A mediocre score on the placement exam helps you to identify gaps in your background that you need to plug as soon as possible.