1 Basic Information

1. Textbook: *Introduction to Linear Algebra (5E)* by Gilbert Strang

2. Instructor: Yuecheng Zhu, yuecheng@upenn.edu


4. Office Hours: TBA

5. TA: Stephen Gillen, stepe@math.upenn.edu

6. Course Webpage: https://www.math.upenn.edu/~yuecheng/Math312A.html

2 Important information

1. Grades: Final 40%, Midterm Exam 30%, Regular Homework 10%, Problems (harder) 10%, Attendance 10%.

2. Exams: We will have one midterm, and one final. The dates will be on the Course Page. You are not allowed the access of a calculator or any other electronic devices. You are allowed to use both sides of a standard 8.5" × 11" sheet of paper for handwritten notes. If you need make up exam, you should sign up for it on the course page. Note the allowed cases listed below.

3. Regular Homework: Regular Homework will be posted on the Course Page. You should expect 10 homework for the whole semester. Homework should be put into the TA’s mailbox before the deadline. You have all together five one-day submission extensions. For example, you may submit Homework 2 three days after the due date and Homework 3 two days after the due-date. After that no late homework will be accepted. Use them smartly. In particular, use them if you have big projects due. If you use the submission extension, you should let TA know about it explicitly. If there are some very rare cases that you truly need more extensions email me before the deadline. Two of the homework problems will be graded for each homework. 50% for these two graded problems, 50% for completeness (Starting from Homework 3).
4. Problems: There is a separate problem sheet with problems more difficult than the regular homework. These are supposed to challenge you, so you don’t necessarily know how to do them simply by following the lectures. But we will introduce all the necessary concepts so you can think about them. There are three due dates. These will be graded by the TA. You don’t have to work out all of them. Each problem is 10 pst. You only need to get 100 pts. Note that the earlier problems are usually easier. So try to get as many problems as possible in the first two submissions.

5. Makeup policy: The student contacts me before or within 24 hours of the due date with proofs for the following reasons:

   - Join the class late.
   - Illness or Injury.
   - Family emergency. That means it involves immediate family members like parents, spouse, children, brothers, sisters, grandparents.
   - University sponsored athletic events.
   - Mandatory admission interviews for professional or graduate school which cannot be rescheduled.
   - Jury duty.

The followings are NOT acceptable excuses for missing an exam:

   - Emergency of a friend.
   - Job interview.
   - Job internships.

6. Regrading: If you find any problem with the grading of the midterm exam, you may explain your concern on the cover of the exam and return it back to me within the deadline (will be announced after the exam). The TA and I will look into it.

7. If you need any accommodation, please contact [http://www.vpul.upenn.edu/lrc/sds/index.php](http://www.vpul.upenn.edu/lrc/sds/index.php) ASAP.