MATH 344 Fall 2017 (Syllabus)

Meeting Information:
Classroom Location: Callcot Soc Sci Ctr 003
Days and Times: TTH 10:05AM–11:20AM
Instructor Information
Xinfeng Liu
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Office Location: LC 317Q
Office Hours: TTH 11:30AM–1:00PM or by appointment
Course Homepage: people.math.sc.edu/xfliu/teaching/Fall2017/math344/math344.htm
Textbook
Introduction to Linear Algebra, 5th Edition, by Gilbert Strang.

Prerequisite
A grade C or better in Math 142 (in general).
Subject Materials
This course will cover the materials presented in Chapters 1-6 of the text.
Important Dates
The deadline to drop the course without a W being recorded is Wednesday, August 30.

The deadline to drop the course without a WF being recorded is Monday, October 16.
Homework and Quizzes
Homework will be assigned for each section, and will not be collected, but you are supposed to do them all. REMEMBER: the more problems you do, the better you understand the material. Students are encouraged to work independently on homework sets. There will be approximately one quiz per week in Thursday's class, and no quiz during the exam weeks. There are two to four short questions in one quiz. The quiz problems will be either the same as, or very similar to those from the homework. Thus, if a student has made a good attempt at the homework, he/she should do well on the quiz. one lowest quiz grade will be dropped from the final grade calculation.
Exams
There will be three midterm exams and a comprehensive final exam. The exams are "closed book": no books, no notes, no calculators, no labtop computer or equivalent technology, etc. There are no early exams. A late

exam is only possible for a written legitimate documented reason. Note that student athletes, participating in a USC athletic event and with appropriate documentation, are exempt from this rule. You must take your exams with the lecture for which you are registered.

Grades

Quizzes (20%)
Exam 1 (15%): Thursday, Sept. 28
Exam 2 (15%): Thursday, Oct. 26
Exam 3 (15%): Thursday, Nov. 30
Final (35%): Tuesday, Dec. 12

Reading

Reading the textbook **in advance** of the lecture is strongly encouraged. Benefits of this preparation include obtaining a familiarity with the terminology and concepts that will be encountered (so you can distinguish major points from side issues), being able to formulate questions about the parts of the presentation that you do not understand, and having a chance to review the skills and techniques that will be needed to apply the new concepts.

Learning Outcome

Students who successfully complete Math 526 are expected to master fundamental concepts in linear algebra, such as vectors, subspaces, determinants, eigenvalues and eigenvectors of matrices, etc. and utilize these concepts and methodology learned from this course to solve problems in context.

Cell Phone and Computer Policy

Please remember to turn off or silence your cell phone prior to class. No texting allowed during class. Computers can only be used to make notes during class, and playing computer games during class is not tolerated.

Graduate Credit

Students taking Math 344 for graduate credit will have additional or some different questions on tests.

Attendance

Attendance at every class meeting is important - and expected. Students missing more than 10% of the class meetings (4 days) can have their grade lowered.

Academic Dishonesty

Cheating and plagiarism in any form is not tolerated. If a student is caught cheating, I will follow the guidelines as set forth in the USC Honor Code and other University guidelines.