MATH 150-01 Linear Algebra
Fall 2013

Instructor: Dr. Lauren Williams
Class Meeting: LIBR L100, MWF 9:15 - 10:20 AM
Office: Old Main 401
Office Phone: (814) 824-2226
Office Hours: M 10:45-12, 3-4; T 10:45-12:30; W 12-1; F 10:45-12; and by appointment
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Textbook
Introduction to Linear Algebra, Fourth Edition, by Gilbert Strang

Topics Covered
We will be covering chapters 1-7 in the textbook. The major topics you will learn include: vectors and vector spaces, linear systems, matrix properties, and linear transformations.

Homework
There will be several homework assignments that must be turned in. You will have a week to complete each assignment, and late work will not be accepted. You are allowed to work together; however, everyone must submit their own work. Feel free to ask questions about the homework during class or office hours. The lowest homework score will be dropped when your final grade is calculated.
In addition to these assignments, you are encouraged to work on the problems in the textbook. This work will not be collected, but is extremely important to your success in the class.

In Class Examinations
There will be three in class examinations in addition to the final exam:

- Monday, September 30 - Chapters 1 and 2

- Monday, October 28 - Chapters 3 and 4

- Friday, November 22 - Chapters 5 and 6

More information about each exam will be given in class, but the following applies to all:

- Calculators, cell phones, computers, and other devices are not permitted.

- You may not use your notes, textbook, or other materials during the exams.

- A review sheet, including practice problems, will be given to you approximately one week before each exam.

- A missed exam grade will be replaced by your final exam grade. This can only be applied once; subsequent missed exams will be counted as a 0.

- You will have a chance to submit corrections to improve each exam grade. More information on exam corrections will be given in class. Test corrections may not be submitted for an exam you did not take.

Final Exam

The final exam will be cumulative. As with the other in class exams, you are not permitted to use any devices or materials aside from a scientific calculator.

The final exam will be on **Thursday, December 12th, 8:30 - 10:30 AM.**

Final Grades

Grades will be calculated out of 600 points as follows:

> 300 points - In Class Exams (3 at 100 points each)
> 100 points - Homework (lowest grade will be dropped)
> 200 points - Final Exam

Grading scale:

F	D	D+	C	C+	B	B+	A
0-59	60-64	65-69	70-77	78-83	84-89	90-93	94-100

Other Course Information

- You are neither expected nor required to purchase any materials for the course aside from the required textbook. Graphing calculators and mathematical software could be used to check your work, but should not be relied on to do the work for you.

- I will attempt to return emails as thoroughly and promptly as possible. However, it is better to ask complicated questions during class or in office hours. If you have a question about the homework, it is quite likely someone else has the same question, so you're doing the class a favor by asking!

- There are other linear algebra textbooks available in the library and in my office. Due to book prices, you may not want to invest in a second book, but it can be helpful to have alternate sources or see topics explained in other ways.

- I do not keep detailed lecture notes. It is highly recommended that you establish contacts among your classmates to get notes in case you miss class.

- Attendance is not required, but coming to class regularly will generally improve your grade. Please contact me if you are absent for an extended period.

Learning Differences

In keeping with college policy, any student with a disability who needs academic accommodations must call Learning Differences Program secretary at 824-3017, to arrange a confidential appointment with the director of the Learning Differences Program during the first week of classes.