

# Math 125 – Elementary Linear Algebra

## Spring – 2010

**Section X1:** MWF 12:00-12:50 PM in 100 Gregory Hall

**Section F1:** MWF 2:00-2:50 PM in 100 Gregory Hall

**Instructors:** Robert Muncaster    [muncast@illinois.edu](mailto:muncast@illinois.edu)

Timothy LeSaulnier    [tlesaul2@illinois.edu](mailto:tlesaul2@illinois.edu)

**Website:** A website will be actively maintained for this class. The website will contain general information about the class, announcements, and answers to FAQs. *You should always check the website before e-mailing your instructors with questions.* The course website is available at

[www.math.uiuc.edu/math125/](http://www.math.uiuc.edu/math125/)

**Required Text and Notes:** The required texts are

1. Linear Algebra with Business Applications, by Sherbert and Brown. This text includes a supplement in the back by Adawi and Royer which provides more exercises and TI-83 calculator instructions.
2. Math 125 Lecture Notes. These lecture notes are incomplete and will be filled in during class. Bring them to every lecture. They will be made available at TIS Bookstore (706 S 6th street).

**Required Calculator:** A TI-83, TI-83+ or a TI-84 calculator is required. You may use it on exams, however, you will still be required to show work in most cases. The use of any other graphing calculators (including the TI-85, TI-86, TI-89, etc.) will not be allowed during exams.

**Homework:** There will be two different types of homeworks: daily practice problems and graded homeworks. The practice problems will consist of problems directly from the text and supplemental section. Practice problems will not be collected, however, it is strongly suggested that you do them to solidify your understanding of the material. A list of practice problems for each section is posted on the course website.

Graded homeworks will be due every two weeks during Wednesday's lecture. These homeworks will consist of problems not found in your text book. They

will be posted as pdf files on the course website. Paper copies will not be distributed.

You must turn graded homeworks in at the section for which you are registered. All graded homeworks will be collected at the *start* of class the day they are due. Any homework handed in later than 10 minutes after the start of class will not be accepted. As a courtesy to our graders, homework must be written on loose-leaf paper and must be stapled together. Your full name (as it appears on your i-card) and the time of the section for which you are registered must be clearly printed in the top right corner of the front page. Any homework that is illegible (this includes your name), written on spiral bound paper or folded at the corner to hold the pages together will not be graded. For administrative purposes you may be asked to show a picture ID when handing in your graded homeworks.

**Exams:** There will be three exams given during the semester. They will be evening exams starting at 7 PM on the following days.

Exam 1 Thursday, February 18th  
Exam 2 Thursday, March 18th  
Exam 3 Thursday, April 22nd

You must bring a picture ID to all exams. The locations are yet to be determined. A few days before each exam, a link will be posted on the course website with information about where you are to attend the exam. It is important that you are in the properly assigned room. Attending the wrong room may result in your exam not being accepted.

**Makeup Exams:** Makeup exams will only be given if you notify the instructors **before** the exam. You must present **official documentation** before or at the makeup exam. If our exam conflicts with another exam or class then a copy of your schedule and a letter from the instructor of the conflicting class will suffice. If you must miss our exam for another reason then a letter from the Emergency Dean excusing your absence will be required. It is completely the *instructor's discretion* whether or not you will be allowed a make-up exam and whether or not there will be any penalty assessed for your absence from the exam.

Only one written makeup exam is offered for each exam. This makeup exam will take place at 6:45 AM on the Friday morning following the normal evening exam time. Any students with an excused absence for both the written exams will have to take an oral exam.

**Final:** The final will be cumulative. Locations for the final exams will be announced, both in class and on the website, later in the semester.

### **Final Exams**

Section X1 at 12PM      **7:00-10:00 PM, Wednesday, May 12th**

Section F1 at 2PM      **8:00-11:00 AM, Thursday, May 13th**

**Calculator Policy and Cheating:** A TI-83, TI-83+ or a TI-84 calculator is required for the course and you will need to use it on exams. No other calculators may be used. The storage of notes and formulas in your calculator is prohibited and will be considered cheating. You are responsible for the calculator you bring to the exam, even if it is not yours but borrowed for the occasion.

You will not be allowed to use calculators with any programs other than PIVOT stored on them. The proctors will check every calculator before the exam to ensure that this rule is followed.

If you need to delete programs from your calculator, here are instructions for doing so:

- Press the “2nd” and the “+” button (MEM option).
- In the options that come up on the screen, choose “Mem Mngmt/Delete” (this option will be simply ”Delete” in some models).
- In the options that come up, go down and choose “Programs”.
- For each program other than PIVOT, choose it and hit the “DEL” key.
- It will give you a message asking you to confirm deletion. Choose “YES”.

- Repeat steps 4 and 5 for each program until you have deleted all programs other than PIVOT.

It is your responsibility to come into the exam with a program-free calculator.

The student's academic integrity code can be found in the Student Code - Article 1 Part 4. In accordance with these policies, the penalty that the instructor is likely to impose for cheating of any kind on any graded material in this class is immediate failure of the course and a letter placed in the student's permanent school file.

**Accommodations:** If you are entitled to exam accommodations sanctioned by DRES, the instructor must be notified and presented with official documentation by no later than one week before each exam.

**Grading:** The components of your grade are as follows:

Homework	10%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final	30%

Maximum cutoffs for letter grades will be at the traditional 90%, 80%, etc. with plus and minus grades given at the following intervals. Curves are possible but rare.

96.67-100	A+
93.34-96.66	A
90-93.33	A-
86.67-90	B+
83.34-86.66	B
80-83.33	B-
76.67-80	C+
73.34-76.66	C
70-73.33	C-
66.67-70	D+
63.34-66.66	D
60-63.33	D-
below	F

**Tutoring and Office Hours:** There will be a free tutoring room available specifically for this class provided by the Department of Mathematics. For more information on the tutoring room and other sources of tutoring, go to the course webpage.

The instructors will offer office hours each week to discuss administrative details of the course. Check the course website for scheduling and location.

**Attendance:** It is your responsibility to attend class. If you miss or are late to class, contact another student to get the lecture notes. Do not e-mail the instructors. There will often be announcements made in class about the tutoring rooms, room changes for exams, etc. If you miss class or arrive late, check the website or talk to someone else in the class about any important announcements.

**Classroom Decorum:** This is a very large lecture with many people. The classroom environment should be conducive to learning by all. Please keep chit-chat to a minimum, cell phones turned off, etc. If your behavior is disrespectful to your classmates, you will be asked to leave.

**Returned Work and Grade Disputes:** Homework and exams will be returned in class. Any uncollected homework or exams will be disposed of exactly **one week after** the day they are passed back. If you are unable to pick up your work in class, you must make arrangements to collect it from the instructors in office hours.

Solutions to graded homeworks and exams will be posted before they are returned to you. Grading issues should be discussed with the instructors in office hours. You have exactly **one week after** the day your work is passed back in class to discuss these issues. After this time, no changes will be made to your score.