Mathematics 2050---Hybrid Section
Applied Linear Algebra
Tentative Fall 2011 Syllabus

Instructor	Dr. Betty Love
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Email	blove.uno@gmail.com --- **This is by far the best way to contact me**. You will typically get a much quicker response via email than by phone. Note that this is not my standard UNO email address…that one is blove@unomaha.edu. Both work, but I prefer the former. If you don't get a response within 24 hours, try again or try the other email address…sometimes mail gets caught in the spam filter and I don't see it in a timely fashion.
Blackboard	The hub for online course information is the 2050-850 blackboard page. Major pieces of information that you will find there (in Course Documents) include: • Course syllabus (this document). • A link to the course schedule page that includes the sections to be covered each week, homework assignment for each section, links to video lectures, and links to slides used in the videos. This schedule is fairly firm, but there is always the possibility of changes. If there are any changes, I will note these in the Announcements page on blackboard. • Links to old quizzes and exams. • Maple information (to come).
Course Delivery	Instruction in this course will primarily be delivered via video downloads. Hence, you must have access to a reasonably fast computer and internet connection. Note that you should **read the section in the book before watching the video**. While watching you should have your book handy to refer to and may want to have a copy of the slides used in the lectures. Many students find it helpful to watch the videos more than once. This section meets once per week for 75 minutes. That time will be spent going over homework and questions, leaving about 15 minutes left at the end for the weekly quiz. This means that you are expected to read the section, watch the video lectures, and work on the homework **before** coming to class.
Required Text	*Linear Algebra and Its Applications*, Lay (4^{th} edition); you will not need the CD, so it's fine to purchase a used book that doesn't have the CD with it.

Grading

Your grade is based on class participation, weekly quizzes, Maple homework assignments, a midterm and a comprehensive final exam. Numeric grades will be computed based on the following weights:

Participation	5%
Maple Homework	20%
Quizzes	25%
Midterm	25%
Final	25%

Letter grades will be assigned according to the following scale:

- A+: 97-100, A: 92-96, A-: 90-91
- B+: 87-89, B: 82-86, B-: 80-81, etc.

Exams

The midterm will be taken in class about halfway through the semester. The final will be given on campus during finals week.

Maple Assignments

Each student will need access to Maple. Typically this means purchasing a copy for your own computer or using it on one of the on-campus machines. Since this course is registered with Maplesoft, you are eligible for a discount. Typical cost is around $100. If you are interested in the discount, let me know and I'll provide more details.

Maple assignments will be made throughout the semester. Your completed assignments should be uploaded to blackboard on or before the due date. Late assignments are penalized 10% per day late and may not be accepted more than two days late.

Homework

Homework problems from the text are assigned for each section, but are neither collected nor graded. You are expected to do the homework to prepare yourself for quizzes and exams. See the schedule page for a listing of sections and assigned problems.

Non-traditional Course Format

Courses that are totally online are not for everyone. They require a high degree of self-motivation and self-discipline. On the other hand, they provide a large degree of flexibility time-wise. The hybrid format of this class gives you some of that flexibility along with some of the structure of a traditional class. To succeed in this class, you must be committed to studying on your own---watching the videos and working on homework **before** you come to class. Before signing up for this course, be honest with yourself about whether this is something you can and will do. If not, the traditional format is best for you.

Plagiarism

Any student caught cheating will receive an F for the course and be referred to the Dean of Student Affairs.