Linear Algebra: Math 2270-3
Spring 2005

Course Information

Instructor: John M. Zobitz

Office: LCB 305

Contact: zobitz@math.utah.edu - please allow a 24-hour response time
Office: 585-1648

Office Hour: Tuesday 1-2 PM, Thursday 3-4:30 PM, or by appointment

Class Meets: Tuesday and Thursday, 4:35-6:15 PM in AEB 306

Webpage: http://www.math.utah.edu/~zobitz/teaching/spring05.html

Text: *Linear Algebra with Applications*, 3rd Edition, by Otto Bretscher

Prerequisite: Math 1210-1220 or Math 1250-1260, first year calculus. Previous exposure to vectors (in 2210 or 1260) or in a Physics class is useful but not essential.

Grading: Grades will be based on homework, two exams, three quizzes, and one comprehensive final exam. The tentative dates for each of these are listed below. I expect you to attend class. Should you miss class, you are still responsible for the homework and material presented that day. A missed exam or quiz will simply be awarded zero points. Make-up exams will only be given in extenuating circumstances, and only if I am notified **before** the exam.

The breakdown for the coursework will be:

Homework: 35%
Mid-term exams: 15% x 2 = 30%
Quizzes: 5% x 3 = 15%
Final: 20%

Letter grades will be assigned based on the following scale:

93-100 = A	90-93 = A-	
87-90 = B+	83-87 = B	80-83 = B-
77-80 = C+	73-77 = C	70-73 = C-
67-70 = D+	63-67 = D	60-63 = D-
< 60 = E		

Homework: Homework will be assigned at each class session. You can expect to hand in homework shortly after completing a chapter. You are responsible to hand in homework on the days indicated **when class begins.** Late homework generally will not be accepted. Should you plan to be absent on a day homework is due, you are responsible to make the necessary arrangements to turn in your work **before** your absence. In consideration of those grading your work, please be legible and clear. In addition to announcements in class, the course webpage will have an up-to-date listing of homework assignments. At the end of the semester I will drop your lowest homework score.

Final: May 4, 2005 3:30-5:30 PM

Useful Information

Mathematics Tutoring Center: The Mathematics Tutoring Center offers free, drop-in tutoring to students enrolled in Math 1100, among others. They will also arrange group tutoring sessions. The tutoring center will open January 18, and the hours are: 8:00 AM - 8:00 PM Monday - Thursday, 8:00 AM - 6:00 PM Friday. The tutoring center is closed on weekends, University holidays, and for finals. For more help, the University Tutoring Services office in SSB 330 offers inexpensive private tutoring, and a list of private tutors is available from the math department office.

Drop-in Computer Lab: All students enrolled in a math class have access to the undergraduate computer lab next to the Tutoring Center. The lab opens January 10, and will be open the same hours as the Tutoring Center. Because you are enrolled in this class, you have a mathematics account assigned to you. If you have not accessed this account in previous classes, then contact me for the appropriate instructions to do so.

Computer Labs: Throughout this semester you will be assigned projects using the computer software Maple (and perhaps Matlab). The days those projects are assigned, we will meet in the computer lab in LCB. These projects will be part of your homework score. I do not assume you have used this software before and we will have the appropriate tutorial during the first visit to the lab.

Calculators: You are encouraged to use graphing and computers to assist you in your work. However, ***technology should be an aid and not a crux!*** This class is foundational for higher-level mathematics classes, and it is important that you master each concept as it is presented. If you cannot sketch why you received a particular answer via a computer, then you do not understand it well enough. **Beware**: the use of calculators on quizzes/exams will be discretionary. On homework, quizzes, and exams you will be tested on whether you understand the material and the steps leading up to an answer, rather than just brute computation. Simply writing down an answer to a complicated problem will result in a loss of points, even if the answer is correct.

Cell Phones & Pagers: Noise pollution during class is a growing problem and is very disruptive and disrespectful to both me and your fellow students. Please be sure to turn your devices to silent when in the classroom.

ADA Statement: The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic, learning, and psychiatric disabilities. Please contact me at the **beginning** of the semester to discuss any such accommodation you may require for this course.

Disclaimer: Policies stated within this syllabus are subject to change, following verbal announcement in class. Students are responsible for knowing the current version, always to be found on the course website.

Welcome to class! I look forward to a productive, engaging, and fun semester.

Get Fuzzy, by Darby Conley

Important Dates

Date	Note
January 10	Classes Begin
January 17	No classes
January 19	Last day to drop
January 24	Last day to add
January 25	**Quiz I**
February 1	Computer Lab I
February 8	Computer Lab I due
February 10	**EXAM I**
February 21	No school
February 24	**Quiz II**
March 4	Last day to withdraw
March 10	**EXAM II**
March 14-18	Spring Break
March 22	Computer Lab II
March 29	Computer Lab II due
April 5	**Quiz III**
April 28	Reading day-no class
May 4	**FINAL EXAM**

This schedule is subject to change: please consult the course webpage for the most updated version.