

Math 2333.502
12760

SYLLABUS
Matrices, Vectors, & Appl

Spring 2005
5:30-6:45 GR4.301

Instructor: Dr. D. L. Lewis Office: ECSN 2.510 Phone: 972.883.6037 E-mail: dlewis@utdallas.edu
Office Hours: 3-4 pm MW or by appointment

TA: TBA

Resource: Math Learning Center MC 2.412 (library) Phone: 972.883.6707
Hours: MTWR 10am-8pm, F S 10am-2pm Individual tutorials are available by appointment

Textbook: Linear Algebra with Applications, 4th Edition, Gareth Williams. The textbook is augmented with additional material which can be printed from WebCt. The additional material is in Microsoft Word document format and contains equations produced with MS equations 3.0 (available in the office 2000 or XP application software package).

Course Description: An introductory course in linear algebra. Primary focus is theoretical and secondary focus is computational methods coupled with applications in the physical and social sciences. Topics include: matrices, vectors, determinants, matrix inverses, and systems of linear equations. Prerequisite: MATH 1314 or equivalent.

Ground Rules: Be punctual. Turn Off all electronic communication devices. Student participation in class is desired, however, please raise your hand to speak and avoid having side conversations with your classmates. Exams and quizzes are closed book, without notes, and without calculators (unless otherwise instructed). Cheating, in any form, will not be tolerated. Anyone that violates the tenets set out in the academic integrity code will be punished in accord with the university disciplinary code.

Assignments: Homework problems marked with an asterisk have solutions in the appendix. The assignments are intended to supply adequate practice for mastery of the concepts presented in each section. Assignments will not be collected, however, weekly quizzes may contain problems taken directly from the assigned homework problems.

Grades: Course grade is based on the following:

Three major exams:	See schedule for dates
10 Quizzes:	See schedule for dates
Comprehensive Final Exam:	Thursday APR 28, 5-7:45pm

There will be no make-up exams or quizzes.

Course grade:	Quiz total: The best 8 quiz scores will be used and scaled to 100%.	20%
	Three major exams: The best 2 exam scores will be used.	50%
	Final Exam	30%

The final exam is comprehensive. Final exams are not returned to the student but are held for review for one year.

Grade Scale	[97,100]...A+	[93,97).....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-
	[0 ,60).....F		

Quiz and Exam scores as well as supplemental course material will be posted on Webct. To access this information, go to website webct.utdallas.edu, (or access the UTD home page www.utdallas.edu, select current students, then select the Webct icon.). You will need the Unix log on id and password assigned to you at registration. If you do not know your id, go to netid.utdallas.edu and follow the instructions.