

Math 3323
TuTh 9:00-10:20
LART 303

MATRIX ALGEBRA
Syllabus

Fall 1993

Instructor: Dr. Art Duval
office: Bell Hall 303

phone: 747-6846/office (24hrs/day; if I'm not in, please leave a message)
584-7792/home (9am-10pm only, please)

Office hours: TuTh 2-3; Wed 1-3 ; or make an appointment.

Any class announcements (including homework assignments, dates of tests, etc.) will be posted outside my office door.

Syllabus: Friedberg & Insel, Intro. to Linear Algebra with Applications

Ch.1	Vectors in \mathbf{R}^n and Systems of Equations	4 lectures
Ch.2	Matrices and Linear Transformations	3 lectures
Ch.3	Dimension and Rank	5 lectures
Ch.4	Coordinate Vectors & Matrix Representations	2 lectures
Ch.5	Determinants	2 lectures
Ch.6	Eigenvalues and Eigenvectors	3 lectures
Ch.7	Orthonormal Sets & Orthogonal Matrices	3 lectures
Ch.8	Abstract Vector Spaces	4? lectures

GRADES:

Homework (15%) Weekly assignments from the textbook, covering the previous week's material, will be due on most Thursdays, at the *beginning* of class. If you cannot make it to class, have someone slip it under my office door *before* the end of class.

NO LATE HOMEWORKS!! (Incomplete homeworks *will* be accepted, though.)

The lowest homework score will be dropped. *Collaboration* is allowed (encouraged, even), but write up your solutions by yourself. There will also be suggested homework that you do not need to turn in. I strongly recommend that you do the homework for each lecture before the next lecture.

Tests (15% each) Each test will take place a full week after the material for that test is covered.

Chs.1 & 2	Thu 23 Sep.
Chs.3-5	Thu 28 Oct.
Chs.6 & 7	Tue 23 Nov.

NO MAKE-UP TESTS (except in EXTRAORDINARY circumstances and with advance notice). Each test (including the final exam) will be curved to a 90-80-70-60 scale, with the curve announced when the test is handed back to you.

Final (40%) cumulative

Fri 9 Dec., 10:00am-12:45pm

Exception: If your final exam grade is higher than your course grade, your course grade will become your final exam grade, provided you took each of the tests during the semester, and turned in 80% of the homeworks.

Important dates:

Student drop date	Fri 8 Oct.
Faculty drop date	Fri 19 Nov.
Thanksgiving (no class)	Thu 25 Nov.
last class date	Tue 7 Dec.
Final Exam	Fri 9 Dec.

IF YOU HAVE ANY QUESTIONS, PLEASE ASK ME!!