

Math 3323
TuTh 10:30-11:50
LART 322

MATRIX ALGEBRA
Syllabus

Fall 1994

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-9pm only, please)

Office hours: **TuTh 2–3pm, Wed 11:30–12:30, Fri 12:30–1:30**. Please feel free to come by any time during scheduled office hours. If you cannot come at these times, simply make an appointment with me for some time that is more convenient for you. You can make an appointment by talking to me before or after class, or by calling me at my office or at home. Or just stop by and see if I'm in.

Textbook: **Friedberg & Insel, Intro. to Linear Algebra with Applications, Chs. 1–8**

We will skip sections 2.3, 5.3, 6.3, and 7.3, and cover the remaining sections, in order, at approximately the rate of one section per lecture (with some variation). We will only skim Ch. 8.

GRADES:

Homework (13%) Homework from the textbook will be assigned daily. There will be both required (turn in to be graded) and suggested (don't turn in) problems. (The suggested problems will usually have answers in the back of the book.) You are expected to do the homework as it is assigned; we will discuss the suggested problems at the next class session. Bring your questions!

Required homework, 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 else bring it to class for you. **NO LATE HOMEWORKS!** (Incomplete homeworks *will* be accepted, though.) The two lowest scores will be dropped.

You are encouraged to work together on your homework, but write up solutions by yourself.

Group work (13%) Every two or three weeks, there will be a group project consisting of eight to twelve of the harder problems from the text (and some that I will write). Some of the problems may require you to read ahead a little. Groups should consist of four or five people each; you may pick groups any way you like, and may make changes during the semester, as long as you notify me.

On the day the group project is due, one member of each group will be randomly selected to present one or two of the problems to the rest of the class. This presentation will be 25% of the grade for the entire group, and the other 75% will be for the written work. Every member of the group will receive the same grade.

You are encouraged to come ask me for help on the group work; it would be best if several members of the group could come for help at the same time, but it's all right if only one member can.

Tests (13% each) There will be three in-class tests on the following days:

Chs.1–2	Thu 22 Sep.
Chs.3–5	Thu 27 Oct.
Chs.6–7	Tue 22 Nov.

NO MAKE-UP TESTS (except in EXTRAORDINARY circumstances and with advance notice).

Final (35%) comprehensive

Wed 14 Dec., 10:00 a.m.–12:45 p.m.

Scale A 90% B 80% C 70% D 60%

Important dates: Student drop date Fri 7 Oct.
 Faculty drop date Fri 18 Nov.
 Thanksgiving (no class) Thu 24 Nov.
 last class date Tue 6 Dec.
 Final Exam Wed 14 Dec.