Math 220—Introductory Linear Algebra
Fall 2006, Section 1
Carpenter 102; Tu,Th 10:35–11:50 a.m.
Please note that this document has three pages.

Instructor

Name: K. A. Ariyawansa

Office: Neill 225

Office hours: M,W,F 11:00 a.m.–12:00 noon; Th 1:00–3:00 p.m.

Telephone: 335-3152

Email: `ari@math.wsu.edu`

Web page: `http://www.wsu.edu:8080/~ari`

Teaching assistant

Name: Junjian Sun

Office: Neill 318

Office hours: M,W,F 4:00–5:00 p.m.

Email: `jsun@math.wsu.edu`

Outline of course

We will use the textbook *Linear Algebra and Its Applications*, Third Edition (Update) by David C. Lay (Pearson/Addison Wesley, 2006).
Please make sure to purchase a copy with the CD containing the Study Guide.
We will cover material from Chapters 1–6: Linear equations, matrix algebra, determinants, vector spaces, eigenvalues and eigenvectors, and orthogonality.
Specifically, material from §§1.1–1.5, 1.7–1.8, 1.10, 2.1–2.3, 2.7, 3.1–3.2, 4.1–4.3, 4.5–4.6, 4.9, 5.1–5.2, 5.6, 6.1–6.2, 6.4 will be covered.

Grades

The course grades will be based on homework, a computer project, a midterm, and a comprehensive final examination weighted as follows:

- homework—20%
- computer assignment—10%
- midterm—35% (Wednesday, October 4, time and place to be announced later)
- comprehensive final examination—35% (1:00–3:00 p.m. Wednesday, December 13, place to be announced later)

Course policies

- Homework assignments, solutions to homework and examinations, other material, and announcements will be posted on the course web page whose url is `http://www.wsu.edu:8080/~ari/math220.html`.
- The teaching assistant will hold three one-hour office hours each week as indicated above. Homework is generally due no later than 5:00 p.m. on Fridays. *Please see the course web page for homework problem sets and their due dates.* Homework will be collected and returned by the teaching assistant during his office hour on Friday. If you are unable to attend his office hour, you may leave homework in his mail box in Neill 103 by the deadline. Homework due on a given Friday will be graded and returned by the teaching assistant in his office hour on the following Friday.
- The use of calculators and other electronic devices is not permitted during examinations. I encourage you to solve homework problems by hand unless explicitly indicated otherwise.
- Blue books are necessary for examinations.
- Make-up examinations will be given only if there are *valid reasons beyond the control of the student.*

Additional comments

- Make sure to read the sections of the textbook pertinent to the material I cover in class, and to complete the tasks that I assign in class, *prior to attending the next class.* If you have any difficulties whatsoever you should see me or the teaching assistant immediately. Do not let your difficulties accumulate.
- As you read the textbook please keep in mind that examples worked out in the textbook will rarely be used in class. Instead I shall choose exercises in the textbook or my own problems and use them as examples by solving them in class. It will be your responsibility to read the examples worked out in the textbook.

- Problem solving is important in this course. Make sure to start working on the homework problems as soon as possible. Again, if you have any difficulties whatsoever, you should see me or the teaching assistant immediately. Do not leave the solution of homework problems to the last minute.

College of Sciences academic dishonesty policy

Academic dishonesty or cheating of any kind in the course (including plagiarism) will not be tolerated. Anyone caught cheating will be given a grade of F for the entire course. A letter documenting the incident will be written to the Dean of the College and the Vice President for Student Affairs. Plagiarism is defined as the unauthorized use of the language and the thoughts of another person, and the representation of them as ones own (Random House Webster's College Dictionary, 1991).

Disability Resource Center

Reasonable accommodations are available for students who have a documented disability. Please notify the instructor during the first week of class of any accommodations needed for the course. Late notification may cause the requested accommodations to be unavailable. All accommodations must be approved through the Disability Resource Center (DRC) in Administration Annex 206 (Tel. 335-1566).