MA 114 (Sec 002) Introduction to Finite Mathematics with Applications
Summer Session I, 2007
North Carolina State University Department of Mathematics

General Information

Instructor:	Q. Jiang
Office:	381 Harrelson Hall
Phone Number:	515-2039
E-mail Address:	qjiang2@unity.ncsu.edu
Course Webpage:	http://www4.ncsu.edu/~qjiang2/ma114-SI07/ma114SI07.html
Office Hours:	M W F 1:20 -2:20pm and by appointment
Class Will Meet:	MTWHF 11:40-1:10pm in HA 272

Goal and Objectives

Elementary matrix algebra including arithmetic operations, inverses, and systems of equations; introduction to linear programming including simplex method; sets and counting techniques, elementary probability including conditional probability; Markov chains; applications in the behavioral, managerial and biological sciences.

Prerequisite

MA 101 or equivalent.

Textbook

Topics in Finite Mathematics, by Page and Paur.

Attendance

Attendance is expected every day! Because this is a 100 level class, a record of attendance must be kept.

- Students are expected to be on time and to stay for the entire class
- **Arriving after attendance is taken or leaving early will count as an absence.**
- **Students sleeping in class will be marked absent for that day!!!**
- You must sit in you assigned seat in order for attendance to be properly recorded. **If you are not in the correct seat, you will be marked absent.** This is non-negotiable.
- The attendance policy is consistent with the Academic Regulations and can found at *http://www2.ncsu.edu/unity/project/www/ncsu/provost/info/academic_regulations/attend/reg.htm*

As a bonus reward for students with good attendance records, those students missing 5 or fewer class days will receive 10 bonus points on their final exam. Remember that the final also replaces your lowest test grade.

******NOTE**:** **Both excused and unexcused absences count against this bonus.**

That means that if you miss class for a sporting event or sickness, or for ANY reason, you can make up work missed, but it still counts as one of your absences. This is just a bonus.

Homework

We will use WebAssign for submitting and grading homework. Sometimes I will post announcements or messages on Communication page in WebAssign. Webassign problems make up a large portion of your final grade, so do not fall behind or skip ANY of these. There is **no make-up** available for missed assignments, so keep track of the due dates and START WORK EARLY on the problems. There are NO extensions to the WebAssign due dates. However, each student receives 20 bonus points added to the total WebAssign points before determining the WebAssign average to compensate for this NO EXTENSION POLICY. **Go to http://webassign.ncsu.edu to purchase webassign.**

E-mail

I sometimes send e-mail to the class. E-mail goes to the address you have given to the university. You can go to the University Online Directory and look yourself up to see what this address is. If that is not the one you want, there is a link that lets you change it.

Web Tools and Other Help

- The Matrix Algebra Tool helps with matrix algebra.
- The Row Op Tool helps with row operations.
- You can watch MA 114 video lectures over the internet at the MA 114 Online Home Page.

You must take responsibility for seeking help when needed. I want to help. Please make use of my office hours, feel free to email/call me at any time with questions. For additional help, form study groups; the Multi-Media Center (HA244) has video taped lectures of MA 114, computer assisted tutorials and drop-in tutoring on a limited basis. Take advantage of these learning resources early!

Students with Disabilities

Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with Disability Services for Students at 1900 Student Health Center, Campus Box 7509, 515-7653 AND then meet with me prior to the test date. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation (REG02.20.1)

Tests

- There will be 3 90-min tests and a final exam. For dates see the schedule.
- **NO CURVES. NO RETESTS. NO EXAM EXEMPTIONS.**
- **You can replace your lowest test grade with the final exam grade, if it is higher.**
- Test make-up policy is in accordance with the University policy (*http://www.ncsu.edu/policies/academic_affairs/pols_regs/REG205.00.4.php*)
- All anticipated absences must be excused in advance of the test date. These include university duties or trips (certified by an appropriate faculty or staff member), required court attendance (certified by the Clerk of Court), or religious observances (certified by the Department of Parent and Family Services 515-2441). Emergency absences must be reported within 2 days of returning to class and must be appropriately documented (illness by an attending physician or family emergencies by Parent and Family Services). Students who miss a test ***and have a university approved excuse*** must schedule a makeup date ASAP with the appropriate documentation.
- Make-ups for oversleeping, car trouble, or any other excuse *not* approved by the university may ONLY be given on the day of the test! Get in touch with me ASAP if you miss the test time.
- **Corrections to Grading:** If you feel that an error was made in the grading of a test, present and explain the error in writing on the outside of the test to the instructor.

Academic Integrity

I expect all students to adhere to the University's regulations on academic integrity.

Course Grading

- We are using +/- grading system. See below.

100-98 A+	92-97.99 A	90-91.99 A-	88-89.99 B+	82-87.99 B	80-81.99 B
78-79.99 C+	72-77.99 C	70-71.99 C-	68-69.99 D+	62-67.99 D	60-61.99 D-
0-59.99 F					

- The final grade is based on 3 tests (50%), WebAssign (20%), and the final exam (30%).

Other Expectations

- Students are expected to be attentive in lectures and are encouraged to participate actively by asking and answering questions!
- Leave all distractions such as newspapers, walkmans, and work for other courses at home or in your book bag!
- TURN OFF ALL CELL PHONES AND BEEPERS DURING CLASS!
- Chewing Tobacco is not permitted in classrooms!
- Bring your book, a calculator, paper and a pen or pencil to every class!
- **Students not participating in the class or doing work for other classes will be marked absent for that day and may be asked to leave the class for the day!**