Topics in Contemporary Mathematics II

MATH 166                        FALL 2006

INSTRUCTOR: Dr. Janice Epstein  [www.math.tamu.edu/~janice.epstein]

OFFICE: 630D Blocker, 862-4192 or j-epstein@tamu.edu

OFFICE HOURS:  Tuesdays 2:30 – 3:30, Wednesdays 10:30 to 11:30, Thursdays 11:30 to 12:30 or by appointment. These hours are subject to change. Please check my web site for the latest information.

DESCRIPTION: Finite mathematics, matrix theory, probability theory, game theory. Prerequisites: High school algebra I and II and geometry. Credit will not be given for both Math 141 and Math 166.

TEXT:  Applied Finite Mathematics 8th edition by Tan [this is available at www.ichapters.net]

CALCULATOR:  A TI-83 or TI-84 (or the Plus version) is required. Only these types of calculators are permitted. The calculators must be reset before each exam.

EXAMS:  There will be three exams worth 100 points each.

QUIZZES:  There will be quizzes in class or online for a total of 150 points.

HOMEWORK:  There will be homework assignments this semester worth a total of 100 points.

FINAL:  The final will be comprehensive and is worth 200 points.

TENTATIVE EXAM SCHEDULE:  Exam 1 during week 4, Exam 2 during week 8 and Exam 3 during week 12. The exact date will be confirmed the week before they are scheduled. The final exam will be held according to the official final exam schedule in our regular classroom. The weekly calendar has the topics that will be covered on each exam. See http://calclab.math.tamu.edu/docs/math166/

GRADES:  There are a total of 750 points possible. At the end of the semester, if you have 675 or more points, you will receive an A. Totals between 600 and 674 will receive a B. 525 to 599 points will be a C. 450 to 524 points will be a D. Less than 450 points will be an F.

SUPPLIES:  You will need lined filler paper (any color) for homework and pop-quizzes. Paper torn from a spiral will not be accepted for any assignments. Supplies you should bring to class every day include your calculator, paper, a pencil and highlighters. A 3-ring binder is suggested for organizing returned papers and lecture notes.
"SCHOLASTIC DISHONESTY WILL NOT BE TOLERATED!

"An Aggie does not lie, cheat, or steal or tolerate those who do."
The Honor Council Rules and Procedures are on the web at [http://www.tamu.edu/aggiehonor](http://www.tamu.edu/aggiehonor)

POLICIES:

- Attendance is expected. In the case of borderline grades (that is, *within* 1% of a higher grade) attendance and your grade on the final will be a *consideration*.
- All printed handouts, web-materials and exams are protected by US Copyright Laws. No multiple copies can be made without written permission by the instructor.
- If class is officially cancelled for any reason, you can expect that the assignments for the missed class day will be due/taken the next time the class meets.
- You must bring your University ID and calculator to class everyday.

ABSENCES: No make-ups will be given without a written official University excused absence. See University Student Rules, [http://student-rules.tamu.edu/rule7.htm](http://student-rules.tamu.edu/rule7.htm). Read these rules carefully so you do not lose your rights to a makeup. A written medical excuse is needed for all medical absences, even those of less than 3 days.

HELP:

- Ask questions in class.
- Come to my office during office hours or make an appointment.
- Work with each other.
- Go to the help sessions and weekly reviews.
- Get a tutor (A list of tutors is available outside room 601 Blocker).

HELP SESSIONS: The help sessions have drop-in hours where you can get help with your homework or other math problems. Help session will start the second week of class and the hours will be announced and posted on the web.

WEEKLY REVIEWS: The weekly review is a 2 hour lecture with additional examples from the previous week’s material. The reviews will be held on Mondays from 7P to 9P in BLOC 158. See [http://www.math.tamu.edu/~ramsey/166wir06c.html](http://www.math.tamu.edu/~ramsey/166wir06c.html) for the material that will be covered each week.

Americans with Disabilities Act (ADA) Policy Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Disability Services Office, in Room B118 of Cain Hall [862-4570] or visit [http://disability.tamu.edu/](http://disability.tamu.edu/)