APPLIED MATRIX THEORY
MATH 551 SYLLABUS
FALL 1999

INSTRUCTOR:  Assoc. Prof. David Yetter, CW 108, telephone: 532-0590, e-mail dyetter@math.ksu.edu

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GRADES: There will be a total of 620 points this term. The breakdown is as follows:

200 Two hour exams worth 100 points each.
200 Final Exam (cumulative)
120 Homework
100 Computer Labs

IMPORTANT DATES AND ANNOUNCEMENTS: The hourly exams are scheduled for Monday 27 September and Monday 8 November. The final will take place Wednesday 15 December 11:50 AM to 1:40 PM. If you have a learning disability and need more time for the exams, please alert me to this fact by 8 September. Should you miss an exam due to an emergency, leave a message on my e-mail at dyetter@math.ksu.edu or voice-mail at 532-0590 as soon as possible.

EXAMS: Each hour exam and the final will contain problems similar to homework problems. In fact, on each exam, there will be one question taken directly from the homework. In addition to your writing implements, you will be permitted to use graphing calculators and a sheet of notes no greater in area than 48 in² (e.g. both sides of a 4" × 6" notecard). If your calculator is capable of displaying user entered text, you will be required to clear the memory at the beginning of the exam. All work must be shown and all answers must be exact to receive full credit unless an approximation is specifically requested.

HOMEWORK: You will be given homework every week. Assignments will be made in class, and will be due in the course homework box by noon of Tuesday of the following week. No late homework will be accepted. A selection of the problems assigned each week will be graded out of 10 points. Your homework grade will be the total of your twelve best homework scores. In the event that legitimate reasons (illness, family emergency, etc.) make it impossible for you to complete more than three homework assignments on time, some assignments may be excused and a homework grade computed by scaling the scores on your best n assignments for some n < 10.

COMPUTER LAB: Because linear algebra is a subject with many practical applications, most of which are now carried out on computers, each Friday the class will be divided into
two lab sections meeting in CW 041. On most Fridays the teaching assistant will present and discuss a computer lab, usually selected from the text, and illustrating some important conceptual, computational or practical point regarding linear algebra or medium-to-large scale calculations involving linear algebra. The lab will be due at the beginning of the next Friday’s lab section. Each lab will be graded out of 20 points, and the lab grade for the course will be arrived at by dropping the lowest lab score and scaling to give 100 points. Late labs will be accepted only with excuses which would suffice to warrant the provision of a make-up examination.

CHEATING: Cheating is a serious offense and will be dealt with accordingly. For more information refer to the policy on academic dishonesty in ‘Inside KSU’.