

LINEAR ALGEBRA (MA211)

FALL 2005, Dr. SUJAY DATTA
Department of Math and Computer Science

SYLLABUS, RULES AND REGULATIONS

- **Meeting time:** 1:00-1:50 P.M. (M.T.W.) and occasional problem sessions on Thu
- **Textbook:** '*Linear Algebra with Applications*' by Steven J. Leon (7th ed., Prentice Hall)
- **Syllabus:** (1) Review of linear equations and matrices; (2) Determinants; (3) Vector spaces; (4) Linear transformations (Sections 4.1 and 4.2); (5) Orthogonality and eigenvalues (*only if time permits!*)
- **Instructor's whereabouts:** Office in the New Science Facility (#1107), phone 227-1584, email: sdatta@euclid.nmu.edu
- **Office hours:** M.T.W.Th. 9:00-11:00 A.M. and M.T.W. only 12:00-1:00 P.M.
- **Tools required:** In general, no computational device will be used other than an ordinary calculator. However, the computer algebra system MAPLE will be introduced for carrying out certain operations
- **Prerequisite:** A C- or better in MA161
- **Evaluation and grading:** There will be 4 class-tests (contributing 45% to your final grade), 4 quizzes (contributing 30% to your final grade) and a final exam (10%). The graded homework assignments will contribute 5% and your 'class performance' (= attendance + degree of readiness + amount of interaction with me + anything else that shows sincerity) will contribute 10%. The lowest test or quiz will be automatically dropped.
- **Grade ranges:** 90% or above will be A, 85%--<90% will be A-, 80%--<85% will be B+, 75%--80% will be B, etc.
- **Disability-related services:** If you have a need for disability-related services or accommodations, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C.B. Hedgcock (phone 227-1700, TTY 227-1543)