**MA 211 Introduction to Matrix Theory and Linear Algebra**
Winter 2002

Meeting Time: MWF 9:00 - 9:50 at JAMR 213

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| **Text Book** | Linear Algebra and Its Applications, David C. Lay, 2th Ed, AWL |
| **Instructor** | Dr. Roxin Zhang |
| **Office** | Seaborg Sciencel Complex 3013, 227-1596 |
| **Office Hours** | MWF 10:00 - 11:00, TR 9:00 - 10:00 or by appointments. |
| **Prerequisite** | The minimal requirement is a C- or better on MA161 Calculus I |
| **Course Contents** | Here is the list of the chapter titles we will be focusing on this semester:<br>• Linear Equations in Linear Algebra<br>• Matrix Algebra<br>• Determinants<br>• Vectors Spaces<br>• Eigenvalues and Eigenvectors<br>• Orthogonality and Least-Squares<br>• Special Topics |
| **Tests/Quizzes** | There will be approximately 5 biweekly quizzes or projects, one midterm and a final exam. Quizzes will count for 50% towards the grade, midterm 20%, final exam 25% and classroom attendance 5%. One lowest quiz (including absence) will be dropped out. |
| **Homework** | Homework will be assigned after each lecture. You must do the assigned homework exercises in addition to the quizzes and projects, bring questions to classes. |
| **Grading** | Grades are given as the Northern conventions: A, A-, B+, B, B-, C+, C, C-, D+, D, D- and F. You are welcome to check with the instructor regarding your performance any time during the semester. |
| | If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 405 Cohodas (227-1550). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines. |