

MTH 302/602

Spring 2007

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Text: Advanced Engineering Mathematics, 9<sup>th</sup> Edition. E. Kreyszig, John Wiley & Sons.

Content: matrices, determinants, solutions of linear equations, special matrices, eigenvalues and eigenvectors of matrices, diagonalization of a matrix.

Testing: two in class tests and two homework sets with each problem being worth one point; the grade will be determined from the number of total points accumulated.

Office hours: Monday, Wednesday, Friday; 2:30 – 4:00. (Let me know if you are coming by.)

Note: The students in the class who are taking the course for MTH 602 (graduate) credit will be required to work additional problems on the tests and on the homework sets. These students will also be required to lead problem sessions for the class.