

SYLLABUS

LINEAR ALGEBRA
MATHEMATICS 2331
Summer 2014

Instructor: Dr. Philip W. Walker
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Text: *Linear Algebra and Its Applications*, 4th ed. By David C. Lay

Topics: Course content will include

1. Linear Equations in Linear Algebra.
2. Matrix Algebra.
3. Determinants.
4. Vector Spaces.
5. Eigenvalues and Eigenvectors.
6. Orthogonality and Symmetric Matrices.
7. Symmetric Matrices and Quadratic Forms.

Grading:	Graded homework	1/6
	Exam I	1/6
	Exam II	1/6
	Exam III	1/6
	Final Exam	1/3

Exams will be given in class.