

Math 532 – Linear Algebra

Course Description from Bulletin: Matrix algebra, vector spaces, norms, inner products and orthogonality, determinants, linear

h. Orthogonal projections	
4. Determinants	4
5. Eigenvalues and Eigenvectors	12
a. Elementary properties	
b. Diagonalization, similarity transforms, Cayley-Hamilton theorem	
c. Functions of diagonalizable matrices	