Schedule

Table 1: 2210 Class Schedule

Date	Sections	Topics
8/27	1.1-1.2	Intro to Linear Algebra, systems of equations
8/29	1.3	Vector equations
9/3	1.4-1.5	Matrix equations; solution sets
9/5	1.7	Linear independence
9/10	1.8-1.9	Linear transformations and the associated matrix
9/12	2.1	Matrix operations
9/17	2.2-2.3	Inverses and invertible matrices
9/19	3.1-3.2	Determinants
9/24	3.3-4.1	Cramer's Rule, Volumes; Vector Spaces and Subspaces
9/26		Exam Review
10/1		First Exam
10/3		No class (Rosh Hashanah)
10/8	4.2	Null space, column space
10/10	4.3-4.4	Bases and linear independence; coordinates
10/15	4.5	Dimension
10/17	4.6-4.7	Rank, change of basis
10/22	5.1	Eigenvectors, eigenvalues
10/24	5.2-5.3	Characteristic polynomials, diagonalization
10/29	5.4	Eigenvector and linear transformations
10/31		Review
11/5		Exam 2
11/7	6.1-6.2	Inner products, orthogonality
11/12	6.3	Orthogonal Projection
11/14	6.4-6.5	Gram-Schmidt, least squares
11/19	7.1	Diagonalization of symmetric matrices
11/21	7.2-7.3	Quadratic forms, constrained optimization

Date	Sections	Topics	
11/26-11/28		No Class; Thanksgiving break	
12/3		Singular Value Decomposition	
12/5		Review/Catch-up	
12/9-12/11		Finals Period	Final Exam TBD
12/12		Reading Day	
12/13-12/15		Finals Period resumes	Final Exam TBD