

# Course Schedule

	Monday	Wednesday	Friday
1/8-1/12	Dot Products	Orthonormal Bases	Orthogonal Matrices
1/15-1/19	No Class	More on Orthogonal Matrices	Determinants
1/22-1/26	More on Determinants	Determinants and Products	Geometry of Determinants
1/29-2/2	Eigenvectors	More on Eigenvectors	Diagonalization
2/5-2/9	More on Diagonalization	Symmetric Matrices	Quadratic Forms
2/12-2/16	Quadric Surfaces	Multivariable Functions	Topology
2/19-2/23	Limits	More on Limits	Differentiability
2/16-3/2	Jacobian Matrices	More on Derivatives	Second Derivatives
3/5-3/9	Chain Rule	More on the Chain Rule	Directional Derivatives
3/12-3/16	Gradient Vectors	Taylor Polynomials	More Taylor Polynomials

Other important dates:

1/11	Additional Lecture in Discussion, Topic: Projections
2/8	Midterm 1 in Discussion
3/8	Midterm 2 in Discussion
3/21	Final Exam, 12-2pm in Lunt 104

