Week 1   Systems of Equations & Meanings of Solutions

Week 2   Properties of Matrices & Linear Transformations

Week 3   Subspaces and Bases

Week 4   Coordinates

Week 5   Vector Spaces & Linear Transformations

Week 6   Vector Space Coordinates

Week 7   Determinants

Week 8   Eigenvectors & (Complex) Eigenvalues

Week 9   Orthogonality & Least–Squares Solutions

Week 10   Solutions to Differential Equations & 1st Order Equations

Week 11   Modeling & Linear Differential Equations

Week 12   2nd Order Linear Homogeneous Equations

Week 13   2nd Order Linear Nonhomogeneous Equations