

| Week | | Subject | MT |
|------|-----------------|---|---------|
| #1 | Sep 18 - Sep 22 | Introduction to Diff. Eqns., General & Particular Sol., Slope Fields and Solution Curves. (1.1–1.3) | |
| #2 | Sep 25 - Sep 29 | Separable Equations & Applications, Linear 1st Order Eqns. (1.4, 1.5) | |
| #3 | Oct 2 - Oct 6 | Substitution Methods and Exact Equations (1.6) | |
| #4 | Oct 9 - Oct 13 | Introduction to Linear Systems, Matrices & Gaussian Elimination (3.1, 3.2) | HW1(M) |
| #5 | Oct 16 - Oct 20 | Reduced-Row Echelon Matrices (3.3) | |
| #6 | Oct 23 - Oct 27 | Matrix Operations, Inverses of Matrices (3.4, 3.5) (3.3) | MT1 |
| #7 | Oct 30 - Nov 3 | Determinants (3.6) | HW2(ML) |
| #8 | Nov 6 - Nov 10 | General Vector Spaces. Vectors and Vector Spaces (4.7, 4.1) | |
| #9 | Nov 13 - Nov 17 | Subspaces. Linear Combinations and Independence of Vectors (4.2, 4.3) | |
| #10 | Nov 20 - Nov 24 | Linear Combinations and Independence of Vectors (4.3) | |
| #11 | Nov 27 - Dec 1 | Bases and Dimensions for Vector Spaces (4.4) | HW3(ML) |
| #12 | Dec 4 - Dec 8 | Row and Column Spaces (4.5) | MT2 |
| #13 | Dec 11 - Dec 15 | Orthogonal Vectors in \mathbb{R}^n . Eigenvalues and Eigenvectors (4.6, 6.1) | HW4(M) |
| #14 | Dec 18 - Dec 22 | Diagonalization of Matrices and Applications (6.2, 6.3) | |