

For each day, read the listed section before class and be prepared for a daily quiz and class discussion.

Online homework (if applicable) is due on the date listed.

Monday	Tuesday	Wednesday	Friday
Jan 7 Logistics	8 1.1 Systems of Linear Equations	9 1.1 Systems of Linear Equations	11 1.2 Matrices and Matrix Operations
14 1.2 Matrix Operations	15* 1.3 Inverse of Matrices	16 1.3 Inverse of Matrices WeBWorK 1 due	18 1.4 Special Matrices and Other Properties
21 ML King Day	22 1.5 Determinants	23+ 1.5 Determinants	25 1.6 Further Properties of Determinants
28 <i>Review</i>	29 WeBWorK 2 due CHAPTER 1 TEST	30 2.1 Vector Spaces	Feb 1 2.1 Vector Spaces
4 2.2 Subspaces	5 2.2 Spanning Sets	6 2.3 Linear Independence and Bases WeBWorK 3	8 2.3 Linear Independence and Bases
11 2.4 Dimensions and Nullspaces	12 Assessment Day	13 2.4 Row Spaces and Column Space	15 2.5 Wronskians
18 <i>Review</i>	19 CHAPTER 2 TEST WeBWorK 4 due	20 3.1 Intro to Differential Equations	22 3.2 Separable Differential Equations
25 3.3 Exact Differential Equations	26 3.4 Linear Differential Equations	27 <i>Review</i>	Mar 1 CHAPTER 3 QUIZ WeBWorK 5 due
4 <i>Spring Break</i>	5 <i>Spring Break</i>	6 <i>Spring Break</i>	8 <i>Spring Break</i>
11 4.1 Higher Order Linear Diff Eq	12 4.1 Higher Order Linear Diff Eq	13 4.2 Homog Constant Coef Lin Diff Eq	15× 4.2 Homog Constant Coef Lin Diff Eq
18 4.3 Undetermined Coefficients	19 4.3 Undetermined Coefficients	20 4.4 Variation of Parameters	22 4.4 Variation of Parameters
25 SNOW DAY	26 4.5 Applications <i>Review</i>	27 CHAPTER 4 TEST WeBWorK 6 due	29 5.1 Linear Transformations
Apr 1 5.1 Linear Transformations	2 5.2 Algebra of Lin Transf	3 5.2 Algebra of Lin Transf	5 5.3 Matrices for Lin Transf
8 5.3 Matrices for Lin Transf	9 WeBWorK 7 due 5.4 Eigenvalues and Eigenvectors	10 5.4 Eigenvalues and Eigenvectors	12 5.5 Jordan Canonical Form
15 <i>Review</i>	16 WeBWorK 8 due CHAPTER 5 TEST	17 6.1 Systems of Lin Diff Eq	19 6.2 Diagonalizable Case
22 6.2 Diagonalizable Case	23 6.5 Converting Diff Eq to 1st Order Systems	24 6.6 Applications WeBWorK 9 due	26 Course evaluations Final Exam Review
29 FINAL EXAM Sect 3 10:30am-12:30pm	30	1 FINAL EXAM Section 5 1:00-3:00 pm	3

*January 15 drop deadline + January 24 late add deadline × March 15 course adjustment deadline