	Week #1						
	Monday Jan. 9 Lesson 1 § 1.1 (Differential Equations and Mathematical Models)						
	Wednesday Jan. 11 Lesson 2 § 1.2 (Integrals as General and Particular Solutions)						
	Friday Jan. 13 Lesson 3 § 1.3 (Slope Fields and Solution Curves)						
Homework due : None Recitation: No Quiz							
	Week #2						
	Monday Jan. 16 MLK Day No Class						
	Wednesday Jan. 18 Lesson 4 § 1.4 (Separable Equations and Applications)						
	Friday Jan. 20 Lesson 5 § 1.5 (Linear First-Order Equations, Part I)						
	Homework due (TUESDAY, Jan. 17): HW 1, 2, 3 Recitation: Quiz #1 (covers HW 1, 2, 3)						
	Week #3	-					
	Monday Jan. 23 Lesson 6 § 1.5 (Linear First-Order Equations, Part II)						
	Wednesday Jan. 25 Lesson 7 § 1.6 (Substitution Methods and Exact Equations, Part I)						
	Friday Jan. 27 Lesson 8 § 1.6 (Substitution Methods and Exact Equations, Part II)						
	Homework due (Monday, Jan. 23): HW 4, 5 Recitation: Quiz #2 (covers HW 4, 5)						
	Week #4	-					
	Monday Jan. 30 Lesson 9 § 2.1 (Population Models)						
	WednesdayFeb. 1Lesson 10 $\S$ 2.2 (Equilibrium Solutions and Stability)						
	Friday Feb. 3 Lesson 11 § 2.4 (Numerical Approximation: Euler's Method)						
	Homework due (Monday, Jan. 30): HW 6, 7, 8 Recitation: Quiz #3 (covers HW 6, 7, 8)						
	Week #5						
	Monday Feb. 6 Lesson 12 § 3.1 (Introduction to Linear Systems)						
	WednesdayFeb. 8Lesson 13§ 3.2 (Matrices and Gaussian Elimination)						
	FridayFeb. 10Lesson 14§ 3.3 (Reduced Row-Echelon Matrices)						
	Homework due (Monday, Feb. 6): HW 9, 10, 11 Recitation: Quiz #4 (covers HW 9, 10, 11)						
	Week #6						
	Monday Feb. 13 Lesson 15 § 3.4 (Matrix Operations)						
	Wednesday Feb. 15 Lesson 16 § 3.5 (Inverse of Matrices)						
	Friday Feb. 17 Lesson 17 § 3.6 (Determinants, Part I)						
	Homework due (Monday, Feb. 13): HW 12, 13, 14 Recitation: Quiz #5 (covers HW 12, 13, 14)						
	Homework due (SUNDAY, Feb. 19): HW 15						
	Holliework due (SUNDAT, Feb. 19). HW 15						
	Week #7						
	Monday Feb. 20 Lesson 17 (cont'd) § 3.6 (Determinants, Part II)						
	Tuesday Feb. 21 EXAM #1 Covers Lessons 1–15						
	WednesdayFeb. 22Lesson 18 $\S 4.1$ (The Vector Space $\mathbb{R}^3$ )						
	FridayFeb. 24Lesson 19 $\S 4.2$ (The Vector Space $\mathbb{R}^n$ and Subspaces)						
	Homework due: None Recitation: No class						
	Week #8						
	Monday Feb. 27 Lesson 20 § 4.3 (Linear Combinations and Independence of Vectors)						
	Wednesday Mar. 1 Lesson 21 § 4.4 (Bases and Dimension for Vector Spaces)						
	Friday Mar. 3 Lesson 22 § 4.5 (Row and Column Spaces)						
	Homework due (Monday, Feb. 27): HW 16, 17, 18, 19 Recitation: Quiz #6 (covers HW 15-19)						

## Week #9

Wednesday Mar. 8 Lesson 24 § 5.2 (General Solut			
	5.2 (General Solutions of Linear Equations)		
Friday Mar. 10 Lesson 25 § 5.3 (Homogeneou	s Equations with Constant Coeff, Part I)		

Homework due (Monday, Mar. 6): HW 20, 21, 22

Recitation: Quiz #7 (covers HW 20, 21, 22)

## Week #10 Spring Break - No Class

Week #11								
Monday	Mar. 20	Lesson 25	(cont'd)	§5.3 (H	Homogeneous Equations with Constant Coeff, Part II)			
Wednesday	Mar. 22	Lessor	n 26	§ 5.3 (H	$\S 5.3$ (Homogeneous Equations with Constant Coeff, Part III)			
Friday	Mar. 24	Lesson 27		§ 5.4 (M	Mechanical Vibrations)			
Homework du	ie (Monda	y, Mar. 20): I	HW 23, 24	4 Re	ecitation: Quiz #8 (covers HW 23, 24)			
Week #12								
Monday	Mar. 27	Lesson 28		§ 5.5 (N	§ 5.5 (Non-homogeneous Equations and Undetermined Coefficients, Part I)			
Wednesday	Mar. 29	Lesson 28 (cont'd)		§ 5.5 (N	§ 5.5 (Non-homogeneous Equations and Undetermined Coefficients, Part II)			
Friday	Mar. 31	Lessor			§ 5.5 (Non-homogeneous Equations and Variation of Parameters)			
Homework du	Recitation: Quiz #9 (covers HW 25, 26, 27)							
Week #13								
Monday	Apr. 3	Lesson 30 § 6.1 (Introduction to Eigenvalues)			on to Eigenvalues)			
Tuesday	Apr. 4	EXAM #2	Covers	Lessons	s 16–27			
Wednesday	Apr. 5	Lesson 31	§7.1 (Fi	irst-Order	r Systems and Applications)			
Friday	Apr. 7	Lesson 32	§7.2 (M	latrices ar	and Linear Systems)			
Homework du	Homework due: None Recitation: No class							
Week #14	Week #14							
Monday Apr. 10 Lesson 33 § 7.3 (The Eigenvalue Method for Linear Systems)					The Eigenvalue Method for Linear Systems)			
Wednesday					he Eigenvalue Method - complex eigenvalues)			
Friday					Aultiple Eigenvalue Solutions, Part I)			
Homework du	due (Monday, Apr. 10): HW 28, 29, 30, 31 Recitation: Quiz #10 (covers HW 28, 29, 30, 31)							
Week #15								
Monday	Apr. 17	Lesson 34	(cont'd)	§ 7.6 (M	/ultiple Eigenvalue Solutions, Part II)			
Wednesday Apr. 19 Lesson 35 § 7.4 (A Gallery of Solutions Curves					A Gallery of Solutions Curves of Linear Systems, Part I)			
					A Gallery of Solutions Curves of Linear Systems, Part II)			
Homework due (Monday, Apr. 17): HW 32, 33   Recitation: Quiz #11 (covers HW 32, 33)								
Homework du	ie (SUNDA	<b>AY, Apr. 23)</b> :	HW 34, 3	35, 36				
Week #16 (Qu	liet Period	i)						
Monday	Apr. 24							
MondayApr. 24Final Exam ReviewWednesdayApr. 26Final Exam Review								
Friday	Apr. 28	Final Exam		1				
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Homework due: None **Recitation:** Final Exam Review