Date		Tentative Schedule	HW Due	Notes
1/6	Mon	Introductions		
1/7	Tue	1.1: Definitions and Terminology		
1/8	Wed	1.2: Initial Value Problems (IVP)		
1/9	Thu	1.3: Differential Equations (DE) as Models	1.1	
1/10	Fri	HW 1: 1.1 - 3	1.2	
1/13	Mon	2.1: Solution Curves Without a Solution, also intro 2.2	1.3	
1/14	Tue	2.2: Separable Equations		
1/15	Wed	2.3: Linear Equations	2.1	
1/16	Thu	2.4: Exact Equations	2.2	
1/17	Fri	HW 2: 2.1 - 3	2.3	
1/20	Mon	No School		Martin Luther King Jr Day
1/21	Tue	2.5: Solutions by Substition	2.4	
1/22	Wed	Review		
1/23	Thu	3.1: Linear Models		
1/24	Fri	**Test 1 (Chapters 1 and 2)**	**2.5**	
1/27	Mon	3.2: Nonlinear Models		
1/28	Tue	4.1: Preliminary Theory	3.1	
1/29	Wed	4.1: Preliminary Theory	3.2	
1/30	Thu	4.2: Reduction of Order		
1/31	Fri	HW 3: 3.1 - 4.2	4.1	
2/3	Mon	4.3: Homogeneous Linear Equations with Constant Coefficients	4.2	Seahawks 43, Broncos 8
2/4	Tue	4.4: Undetermined Coefficients - Superposition Approach		
2/5	Wed	Seahawks Superbowl XLVIII Champion Parade	4.3	
2/6	Thu	4.6: Variation of Parameters		
2/7	Fri	HW 4: 4.2 - 4.4	4.4	
2/10	Mon	4.6: Variation of Parameters, begin section 4.7		
2/11	Tue	4.7: Cauchy-Euler Equation		
2/12	Wed	5.1.1: Spring/Mass Systems: Free Undamped Motion	4.6	
2/13	Thu	5.1.1: Spring/Mass Systems: Free Undamped Motion		
2/14	Fri	HW 5: 4.6 - 4.7	4.7	
2/17	Mon	No School		President's Day
2/18	Tue	Review		
2/19	Wed	**Test 2 (Chapters 3 and 4)**		
2/20	Thu	6.1: Review of Power Series		
2/21	Fri	6.2: Solutions about Ordinary Points	5.1	
2/24	Mon	6.2: Solutions about Ordinary Points	6.1	
2/25	Tue	7.1: Definition of the Laplace Transform		
2/26	Wed	7.2: Inverse Transforms and Transforms of Derivatives	6.2	
2/27	Thu	7.2: Inverse Transforms and Transforms of Derivatives	7.1	My Birthday
2/28	Fri	HW 6: 5.1 - 7.1		
3/3	Mon	7.3.1: Translation on the s-Axis	7.2	Melissa's Birthday
3/4	Tue	7.3.1: Translation on the s-Axis		
3/5	Wed	8.1: Preliminary Theory		
3/6	Thu	Review		
3/7	Fri	HW 7: 7.2 - 7.3		
3/10	Mon	**Test 3 (Chapters 5 - 7)**	**7.3**	
3/11	Tue	8.2.1: Distinct Real Eigenvalues	8.1	
3/12	Wed	8.2.1: Distinct Real Eigenvalues		
3/13	Thu	HW 8: 8.1 - 8.2		Faith's Birthday
3/14	Fri	Review	8.2	
3/17	Mon	Review		
3/18	Tue	Final Exam		My Anniversary