1	1/17	**1.1 - 1.4 Chapter Review** **Review Test Dry Run**	**I present the Test and I** **Direct you to the Website Resources** **(Syllabus, Outline, E-Mail, News)**
2	1/18	**Chapter 1 Review Test**	**You will take the Test**
3	1/20	**Chapter 1 Directives** **2.1 - Linear Equations in One Variable**	**I return the Test, with my** **recommendations for Chapter 1** **Begin Chapter 2**
4	1/23	**2.2 Intro to Problem-Solving**	**1. Understand, 2. Translate, 3. Solve, 4. Interpret.**
5	1/24	**2.3 Formulas and Problem-Solving**	
6	1/25	**2.4 Linear Inequalities 2.5** **Compound Inequalities**	**Or means Union** **And means Intersection**
7	1/27	**Quiz 1: 2.4 - 2.5 Homework** **2.6 Absolute Value Equations** **2.7 Absolute Value Inequalities**	**Mind your Or's and And's** **Number Line Graphs,** **Set-Builder and Interval Solutions.**
8	1/30	**2.7 Absolute Value Inequalities**	**Pathological Cases** **Always -versus- Never**
9	1/31	**Quiz 2: 2.6, 2.7** **Review**	
10	2/1	**Test 1, Chapter 2**	Drop Deadline
	2/3	**No Classes, Employee Development Day**	
11	2/6	**Test 1 Returned** **3.1 Graphing Equations**	**Graphing "blind" (Yucky!) My** **least favorite way of graphing:** **Plugging in points and connecting dots.**
12	2/7	**3.2 Introduction to Functions**	**Learn the Basic Graphs of a Handful of** **Basic Functions** **Preparation for 3.6**
13	2/8	**3.3 Graphing Linear Functions**	**Slope-Intercept Method** **Intercept Method** **Graphing "blind" no longer allowed.**
14	2/10	**Quiz 3: 3.1 - 3.3 3.4** **Slope of a Line**	
15	2/13	**3.5 Equations of Lines** **Basic Graphs of Common Functions**	
16	2/14	**3.6 Piecewise-Defined Functions and** **Basics of Shifting and Reflecting.**	**If time, we will discuss** **$a\,f(x)$ and $f(ax)$** **Crucial in College Algebra**
17	2/15	**4.1 Systems of Equations in 2 Variables**	
18	2/17	**Quiz 4: 3.4 - 3.6, 4.1** **4.2 Systems of Equations in 3 Variables**	
19	2/20	**4.3 Systems of Linear Equations** **and Problem-Solving**	**Distance, Rate and Time** **Mixtures**

20	2/21	**4.5 Systems of Linear Inequalities**	**Departure from Text:** **Scratch out the Bad Stuff.**
21	2/22	**Quiz 5: 4.2 - 4.5** **Review**	
22	2/24	**Review**	
23	2/27	**Test 2, Chapters 3, 4**	
24	2/28	**5.1 Exponents and Scientific Notation**	
25	2/29	**Test 2 Returned** **5.2 More of the Same, only More**	
26	3/2	**5.3 Polynomials and Polynomial Functions**	
27	3/5	**5.4 Multiplying Polynomials**	$$\begin{cases} a^2 - b^2 = (a-b)(a+b) \\ a^3 - b^3 = (a-b)(a^2 + ab + b^2) \\ a^3 + b^3 = (a+b)(a^2 - ab + b^2) \\ a^2 \pm 2ab + b^2 = (a \pm b)^2 \end{cases}$$
28	3/6	**Quiz 6: 5.1 - 5.4** **5.5 Greatest Common Factor and Factoring by Grouping**	
29	3/7	**5.5, Finish** **5.6 Factoring Trinomials**	
30	3/9	**Quiz 7: 5.5 - 5.6** **5.7 Factoring by Special Products**	**All the Special Products there Are**
<td colspan="4" align="center">**3/12 - 3/16 Spring Break!!!!**</td>			
32	3/19	**5.8 Solving Equations by Factoring and Problem-Solving**	
33	3/20	**Review**	
34	3/21	**Test 3, Chapter 5**	
35	3/23	**Test 3 Returned** **6.1 Rational Functions** **Multiplying and Dividing them**	
36	3/26	**6.2 Adding and Subtracting Rational Expressions**	
37	3/27	**6.3 Simplifying Rational Expressions**	
38	3/28	**6.4 Dividing Polynomials** **Long and Synthetic Division**	
39	3/30	**Quiz 8: 6.1 - 6.4** **6.5 Rational Equations and Equation-Solving**	

40	4/2	**6.6 Rational Equations and Problem-Solving**	
41	4/3	**Quiz 9: 6.3 - 6.6** **6.7** **Variation and Problem-Solving**	
42	4/4	**Review**	
43	4/6	**Test 4, Chapter 6**	
44	4/9	**Test 4 Returned** **7.1** **Radicals and Radical Functions**	
45	4/10	**7.2 Rational Exponents**	
46	4/11	**7.3 Simplifying Radical Expressions**	
47	4/13	**7.4 Adding, Subtracting and Multiplying Radical Epressions**	
48	4/16	**Quiz 10: 7.1 - 7.4** **7.5** **Rationalizing Denominators and Numerators of Radical Expressions**	
49	4/17	**7.6 Radical Equations and Problem-Solving**	
50	4/18	**7.7 Complex Numbers**	
51	4/20	**Quiz 11: 7.5 - 7.7** **Review**	Last Day to Withdraw
52	4/23	**Test 6, Chapter 7**	
53	4/24	**8.1 Completing the Square**	
54	4/25	**8.2 Quadratic Formula**	
55	4/27	**8.3 Quadratic Equations from All Angles**	
56	4/30	**Quiz 12: 8.1, 8.2, 8.3** **8.4 Nonlinear Inequalities in One Variable**	
57	5/1	**8.5 Quadratic Functions and their Graphs**	**FINALLY! No More Graphing "Blind"**
58	5/2	**Practice Final**	
59	5/4	**Review**	
		Final Exam Week	