

Week	Date, HW Due dates	Section/Topic	Hw Page	Homework Problems
1	Aug 23 Mon	Course Introduction/Overview R.1 The Real-Number System R.2 Integer Exponents, Sci. Notation, Order of Oper.	7 15	12-57 multiples of 3 3-57 multiples of 3, 75
	Aug 25 Wed	R.3 Addition, Subtraction, and Multiplication of Poly. R.4 Factoring	22 30	6-51 multiples of 3 3-120 multiples of 3
	Aug 27 Fri	R.5 The Basics of Equation Solving R.6 Rational Expressions R.7 Radical Notation and Rational Exponents	34 43 52	3-69 multiples of 3 (omit 66) 9-39 multiples of 3 3-57 multiples of 3
2	8/30	1.1 Introduction to Graphing	75	9-12, 17-20, 63-66, 79-86, 95, 96, 107-112
	9/01 <b>HW1 Due (R1 - 1.1)</b>	1.2 Functions and Graphs	91	15-36, 40-41, 59-62, 74-77
	9/3	1.3 Linear Functions, Slope & App	110	1, 2, 5, 6, 11-15, 29-32, 42, 57-60, 69, 70
3	9/6	No Class, Labor Day	124	1, 2, 7, 8, 13-16, 23-26, 31, 32, 43-46, 68, 69
	9/8 <b>HW2 Due (1.2-1.3)</b>	1.4 Equations of Lines and Modeling	143	1-6, 19-22, 29-32, 37, 38, 45, 46, 50, 51, 63, 64, 71-74
	9/10	1.5 Linear Equations, Functions, Zeros, and Apps	154	1-4, 13-20, 33-36, 43, 44, 55-58
4	9/13	1.6 Solving Linear Inequalities		
	9/15	Review		
	9/17 <b>HW3 Due (1.4-1.6)</b>	<b>Exam 1 (R1-R7, 1.1-1.6)</b>		
5	9/20	2.1 Incr., Decr., and Piecewise Functions 2.2 The Algebra of Functions	175 187	1, 2, 13-24, 27, 28, 36, 37, 47-50 1-4, 11-14, 17-20, 29-32, 45-48, 57-62
	9/22	2.3 The Composition of Functions	196	1-4, 9-16, 23, 24, 27, 28, 31-34
	9/24	2.4 Symmetry and Transformations	214	7-12, 27, 28, 39-42, 49, 50, 53, 54, 59, 60, 67, 68, 71, 72, 85, 86, 97-100
6	9/27	2.5 Variation and Applications	224	1-6, 13-19, 25-28, 38, 39
	9/29 <b>HW4 Due (2.1-2.5)</b>	3.1 The Complex Numbers	242	1-4, 11-14, 31, 32, 35, 36, 39, 40, 45, 46, 51, 52, 61, 62, 75, 76, 83, 84
	10/1	3.2 Quadratic Eqs., Functions, Zeros and Models	257	1-4, 8, 9, 16-19, 21, 22, 35-38, 55, 56, 61, 62, 69, 70, 85, 86, 95, 96, 102, 103
7	10/4	3.3 Analyzing Graphs of Quadratic Functions	272	3-6, 11-14, 21-24, 31-34, 41, 42, 49, 50-52
	10/6 <b>HW5 Due (3.1-3.3)</b>	3.4 Solving Rational and Radical Equations	282	1-4, 19-25, 37, 38, 45, 46, 55, 56, 63, 64, 70, 71
	10/8	3.5 Solving Eqs. and Ineqs. with Abs. Value	287	1, 2, 11-14, 25, 26, 29, 30, 43-46, 51, 52
8	10/11	Review		
	10/13 <b>HW6 Due (3.4-3.5)</b>	<b>Exam 2 (2, 1-2, 5, 3, 1-3, 5)</b>		
	10/15	<b>No Class, Fall Break</b>		
9	10/18	4.1 Polynomial Functions and Modeling	307	1-4, 23, 24, 27-30, 39, 40, 43-46, 51, 52, 57, 58, 62, 66
	10/20	4.2 Graphing Polynomial Functions	321	1-4, 7-14, 33-36, 49-52
	10/22	4.3 Poly. Division; Remainder and Factor Thm	329	1, 2, 5-8, 11-14, 23-26, 31-34, 49, 50
10	10/25	4.4 Theorems about Zeros of Poly. Functions	339	1-4, 13, 14, 25, 26, 33, 34, 43-46, 49, 50, 55-58, 71, 72
	10/27 <b>HW 7 Due (4.1-4.4)</b>	4.5 Rational Functions	357	7-16, 21, 22, 27, 28, 57, 58, 63, 64
	10/29	4.6 Polynomial and Rational Inequalities	368	25-28, 33-38, 47, 48, 53, 54, 58-61, 67, 68, 77, 78

Week	Date, HW Due dates	Section/Topic	Hw Page	Homework Problems
<b>11</b>	11/1	5.1 Inverse Functions	389	1-8, 33-36, 59-66, 83-86
	11/3/2009 <b>HW8 Due (4.5-5.1)</b>	5.2 Exponential Functions and Graphs	403	43, 44, 47-60, 63,64
	11/5	5.3 Logarithmic Functions and Graphs	423	9-12, 23, 24, 29-32, 35-38, 45, 46, 69-72, 75, 76, 92-96 even
<b>12</b>	11/8	5.4 Properties of Log Functions	433	1, 2, 9, 10, 17, 18, 23-26, 35, 36, 43-46, 53-56, 59,60, 65, 66, 89, 90
	11/10	5.5 Solving Exponential and Log Functions	444	1-5, 29-32, 51, 52, 60-65, 79-84
	11/12	5.6 Growth and Decay; Compound Interest	455	1-3, 7, 8, 13-15, 17
<b>13</b>	11/15	Catch up and Review		
	11/17/2009 <b>HW 9 Due (5.2-5.6)</b>	<b>Exam 3 (4.1-4.6,5.1-5.6)</b>		
		6.1 System of Equations in 2 Variables	483	7-10, 17-20, 33-36, 53, 54, 59-62, 65, 66, 69, 70
<b>14</b>	11/22	6.2 System of Equations in 3 Variables	494	1, 2, 17-20, 23, 24
	11/24	No Class, Thanksgiving	545	9-12, 19-22, 43-46, 51, 52, 65, 66, 71, 72
	11/26	No Class, Thanksgiving	572	7-10, 15-18, 21-24, 31, 32
<b>15</b>	11/29	6.7 Systems of Ineqs. and Linear Prog.	582	7-10, 19-26, 31-34, 37, 38, 41, 42
	12/1/2010 <b>HW10 Due (6.1-6.7)</b>	7.1 The Parabola		
	12/3	7.2 The Circle and Ellipse		
<b>16</b>	12/6	7.3 The Hyperbola	592	7-15, 25-28, 37, 38, 39, 40
	12/8	7.4 Nonlinear Systems of Eqs. and Ineqs.	603	7-26
	12/10	Catch up and Review for Final		
	<b>Dec 13 - 17</b>	<b>Final Exam - Comprehensive</b> Section 21 exam is Mon, Dec 13 at 10-11:50AM, Section 22 exam is Wed, Dec 15 at 10-11:50AM		The date and time of the final is set by the university. It cannot and will not be changed.