

Intermediate Algebra
2008
Math 137.

Instructor: June Decker

Fall

Text: Intermediate Algebra, a graphing approach; by E. Martin-Gay and M. Greene, 4th edition

Sept 2 and 4	<p>Section 1.5 : Solve linear equations p. 50 #1, 5, 15, 19, 21, 23, 27, 29, 31, 35, 37,55,59,71,75, 77</p> <p>Sect 3.1 Solve linear equations graphically. p. 215 #3, 7, 9, 10 (check your answers in section 5.1 by graphing.)</p> <p>Sect 1.6 Intro to problem solving. p. 58 #11, 15, 25, 27, 31, 34, 39, 41, 43, 59, 69, 76-79</p> <p>Sect 1.8 Formulas and problem solving p. 83 #1,5,9,11,13,17, 21-37 odd, 41, 47.</p>
9/9 No class 9/11	<p>Sect 2.1 Graphing Equations</p> <p>Sect 2.2 Intro to Functions</p> <p>Sect 2.3 Graphing Linear Function</p> <p>Sect 2.4 Slope of a line</p> <p>Sect. 2.5 Equations of lines</p> <p>Sect 2.6 Interpreting Data</p>
9/16 9/18	<p>Right Triangle Trigonometry Basics (See Vista Blackboard for handouts.)</p> <p>Trig project assigned. Due 10/7</p>
Tues 9/23 Thur 9/25	<p>Review day</p> <p>Test Chapters 1, 2, and 3.1 and Trig</p>
9/30 10.2	<p>Sect 3.2 Linear equations and Problem Solving</p> <p>Sect 3.3 Compound Inequalities</p> <p>Sect 4.1 –4.2 Systems of Equations</p>
10/7 10/9	<p>Sect 4.3 Systems of Equations and Problem Solving</p> <p>Sect 5.1 and 5.2 Exponents and Scientific Notation</p>
10/14 10/16	<p>Sect 5.3 Polynomials</p> <p>Sect 5.4, 5.5 and 5.6 Multiply and factor polynomials</p> <p>Sect 5.7 Factor polynomials (cont'd)</p>
10/21 10/23	<p>Sect 5.8 Solve non-linear equations by factoring, word problems</p> <p>Sect 8.1 and 8.2 Solve Quadratic equations by the completing the square and <u>the quadratic formula</u></p>

10/28 10/30	Sect 8.3 Solve equations using quadratic methods Sect 8.5 Graph Quadratic functions Sect 8.6 and 8.7 More graphing of quadratic functions.
11/4 11/6	Sect 7.1-7.3 Radicals, Rational Exponents, Simplify Radicals Sect 7.4 , 7.6 , 7.7 Add Radicals, Solve Equations with Radicals.
11/11 11/13	Review ch 5,7,8 Test chapter 5, 7 and 8 (polynomials, exponents, quadratics and radicals)
11/18 11/20	Sect 9.3 Exponential functions Section 9.4 and 9.5 Intro to logarithms
11/25	Sect 9.6, 9.7 Logarithms
12/2 12/4	Sect 6.3-6.6Rational Expressions.
12/9 12/11	TEST ch 9, 6 (exponents, logarithms, rational functions) Review for final exam
12/16	FINAL EXAM during class time in our classroom Grades available on http://my.comnet.edu Click on your student services menu and view transcript You may also email me to request your grade and I will reply as soon as I can.