

TEXT: Intermediate Algebra			
1	Tuesday, January 31, 12	Properties of Integer Exponents Adding and Subtracting Rational Expressions	Chapter 4, Section 4.1, pages 314-318 Chapter 5, Section 5.3, pages 431-438 p. 321: 11-29(odd),33,35,41,47,63,67,75 p.439: 7-23, 27-49 odd
2	Thursday, February 2, 12	Complex Fractions	Chapter 5, Section 5.4, pages 441-446 p.447: 9-15,17-23 odd, 31,33
3	Tuesday, February 7, 12	Fractional Equations	Chapter 5, Section 5.5 pages 449-455 p.445: 9- 33 odd
4	Thursday, February 9, 12	Roots and Radicals Rational Exponents	Chapter 6, Section 6.1, pages 492-498 Chapter 6, Section 6.2, pages 503-507 p. 500: 9-37 (odd),59,65,67,79 p. 508: 11,15,19,25,29,33,41, 45,53,65,73,81,93
5	Tuesday, February 14, 12	Simplifying Radical Expressions Addition and Subtraction of Radicals	Chapter 6, Section 6.3, pages 510-514 Chapter 6, Section 6.4, pages 517-519 p. 515: 9,13,17,21,25,33,39,55,59,63,79 p. 520: 15,19,23,35,37,41,51,55,57,61,79
6	Thursday, February 16, 12	Multiplication of Radicals	Chapter 6, Section 6.5, pages 522-526 p. 528: 11,17,19,21,23,25,29,31,35,37,55,57,61,63, 67,77,79,87
<i>Tuesday, February 21, 12 Monday Schedule</i>			
7	Thursday, February 23, 12	Exam 1 - through 6.4 Division of Radicals and Rationalization	Chapter 6, Section 6.6, pages 536-537 (skip examples 4 and 6) p. 538: 11,13,17,21,31,35,39,53,57,63,67,71,77,81
8	Tuesday, February 28, 12	Solving Radical Equations	Chapter 6, Section 6.7, pages 540-543 p. 547: 11-16,21-24,37-42
9	Thursday, March 1, 12	Complex Numbers	Chapter 6, Section 6.8, pages 550-557 p. 558: 15-27,31-35,53-57,61-69,81-89 odd
10	Tuesday, March 6, 12	Quadratic Equations The Square Root Property and Completing the Square	Chapter 4, Section 4.8 pages 388-390 (omit example 2) Chapter 7, Section 7.1, pages 574-579 p. 398: 17-36 all p. 580-581: 3-17,21-27,31-53 odd
11	Thursday, March 8, 12	The Quadratic Formula	Chapter 7, Section 7.2, pages 583-585,588-594 (Derive the quadratic formula) p. 595: 9-25,39-55 odd, 69,73,77,81,85
12	Tuesday, March 13, 12	Applications of Quadratic Equations	Chapter 4, Section 4.8, pages 392-394 Chapter 7, Section 7.2, page 586 p. 398: 61,65,67,69,71 p. 595: 41,43,47
13	Thursday, March 15, 12	Exam 2 - through 7.2 Graphs of Quadratic Functions	Chapter 7, Section 7.4, pages 604-612 p. 613: 11-15,19-23,29-35, 45,47,51-61 odd
14	Tuesday, March 20, 12	Graphs of Quadratic Functions <i>cont'd</i>	Chapter 7, Section 7.5, pages 618-621 p. 624: 17-23 odd, 29,31,37,41,43
15	Thursday, March 22, 12	Distance Formula, Midpoint and Circles Perpendicular Bisector	Chapter 9, Section 9.1, pages 746-751 p. 751: 5,9,11,13,23-31 odd, 39,41,45,59,61,63,67,71 Supplemental Problems on Perpendicular Bisector
16	Tuesday, March 27, 12	Systems of three Linear Equations in Three Variables	Chapter 3, Section 3.6, pages 278-285. p. 286: 11-17 odd, 21, 23, 27, 33-37 odd
17	Thursday, March 29, 12	Determinants and Cramer's Rule (optional) Systems involving Nonlinear Equations	Appendix A.1, pages A-1 to A-9. Chapter 9, Section 9.4, pages 776-780. p. A-10: 35-45 odd, 49, 55, 57. p. 782: 23-37 odd, 49
TEXT: Trigonometry			
18	Tuesday, April 3, 12	Angle Measure and Special Triangles Angle Measure in Radians	Chapter 1, Section 1.1, pages 2-6 Chapter 3, Section 3.1, pages 90-93 p. 7: 35-59 odd p. 95: 25-39 odd, 43,45,49-61odd, 67-71odd
19	Thursday, April 5, 12	Exam 3 - through 9.4 Trigonometry and the Coordinate Plane	Chapter 1, Section 1.3 , pages 22-27 p. 28: 25-31 odd, 45,47,55-63 odd, 64,73-79 odd
<i>Spring Break April 6-15</i>			
20	Tuesday, April 17, 12	The Trigonometry of Right Triangles	Chapter 2, Section 2.1, pages 46-50 p. 51: 7-21 odd

		Solving Right Triangles	Chapter 2, Section 2.2, pages 54-56	p. 57: 7-47 odd
21	Thursday, April 19, 12	Applications of Static Trigonometry Unit Circles	Chapter 2, Section 2.3, pages 63-66 Chapter 3, Section 3.3, pages 108-113	p. 69: 35-38 all p. 115: 29-35 odd, 37-40 all
		Trigonometry of Real Numbers	Chapter 3, Section 3.4, pages 117-121	p. 121: 7, 9, 13-19 odd, 37-55 odd
22	Tuesday, April 24, 12	Graphs of the Sine and Cosine Functions Graphs of Tangent and Cotangent Functions (optional)	Chapter 4, Section 4.1, pages 134-144 Chapter 4, Section 4.2, pages 153-159	p. 145: 1 – 3 all, 17-29 odd, 33-39 odd, 43, 47 p. 160: 15, 19, 21, 39, 43, 47
23	Thursday, April 26, 12	Oblique Triangles and the Law of Sines The Law of Cosines	Chapter 7, Section 7.1, pages 316-322 Chapter 7, Section 7.2, pages 329-332	p. 324: 7-23 odd p. 338: 7-13 odd, 21-29 odd
24	Tuesday, May 1, 12	Fundamental Identities and Families of Identities	Chapter 1, Section 1.4, pages 31-35	p. 35: 11-37 odd, 49
			Chapter 5, Section 5.1, pages 212-214	p. 13-29 odd, 37, 43, 51
25	Thursday, May 3, 12	Trigonometric Equations	Chapter 6, Section 6.3, pages 284-290	p. 292: 13, 17, 21, 25, 31, 35, 43-49 odd, 79, 80
26	Tuesday, May 8, 12	Exam 4 - through 5.1 TEXT: Intermediate Algebra Exponential Functions	Chapter 8, Subsections 8.3.1, 8.3.2, 8.3.4.	p. 678: 9-25 odd, 43, 49
27	Thursday, May 10, 12	Logarithmic Functions	Chapter 8, Section 8.4, pages 682-685 and example 8, 9.	p. 690: 11-61 odd
28	Tuesday, May 15, 12	Properties of Logarithms Compound Interest	Chapter 8, Section 8.5, pages 696-700. Chapter 8, Section 8.6, pages 704-707 (omit example 3).	p. 701: 17-29 odd, 45-55 odd, 63-69, 77, 79, 89 p. 712: 11, 13
29	Thursday, May 17, 12	Exponential Equations	Chapter 8, Section 8.7, pages 721-726.	p. 726: 39-49 odd, 55- 61 odd, 73, 75, 77, 79, 85
30	Tuesday, May 22, 12	Final Exam		