

MATH 103 - INTERMEDIATE ALGEBRA
SYLLABUS/ASSIGNMENT SHEET
Spring 2009

Text: *Intermediate Algebra, 10th Edition* by Lial, Hornsby, McGinnis

Class	Date	Section	Topic	Homework Page: Problems (odd only)	
1	1/22	2.1 2.2	<ul style="list-style-type: none"> • Linear Equations in One Variable • Formulas 	60 67	11-67 7-23
2	1/27	2.3 2.5	<ul style="list-style-type: none"> • Applications of Linear Equations • Linear Inequalities in One Variable 	81 107	7-19, 29-61 (every other odd) 11-41, 49-65
3	1/29	2.6 2.7	<ul style="list-style-type: none"> • Set Operations and Compound Inequalities • Absolute Value Equations and Inequalities 	119 128	19-45 5-31, 35-95 (every other odd)
4	2/3	3.1 3.2	<ul style="list-style-type: none"> • The Rectangular Coordinate System • The Slope of a Line 	156 170	9, 13-31, 37-65 11-29, 33-75
5	2/5	3.3 3.5	<ul style="list-style-type: none"> • Linear Equations in Two Variables • Introduction to Functions 	186 210	15-69 11-37, 41-51, 61-67, 75
6	2/10		Review for Test 1		Review. No problems assigned! p 138, p 219
7	2/12		Test 1		
8	2/17	5.1 5.2	<ul style="list-style-type: none"> • Integer Exponents • Adding and Subtracting Polynomials 	296 305	7-119, 127-143 (every other odd) 1-81 (every other odd)
9	2/19	5.4 5.5	<ul style="list-style-type: none"> • Multiplying Polynomials • Dividing Polynomials 	324 331	5-65, 71-79, 93-97 (every other odd) 5-45
10	2/24	6.1 6.2	<ul style="list-style-type: none"> • GCF, Factoring by Grouping • Factoring Trinomials 	350 358	1-57 5-43
11	2/26	6.3 6.4	<ul style="list-style-type: none"> • Special Factoring • A General Approach to Factoring 	364 368	7-31, 37-55 1-61 (every other odd)
12	3/3	6.5	<ul style="list-style-type: none"> • Solving Equations by Factoring 	376	3-45
13	3/5		Review for Test 2		Review. No problems assigned! p 338, p 384
14	3/10		Test 2		
15	3/12	7.1 7.2	<ul style="list-style-type: none"> • Rat. Exps, Functions; Multiplying & Dividing • Adding and Subtracting Rational Expressions 	397 407	9-17, 25-43, 49, 53, 61-85 1-15, 19-35, 39-77

Class	Date	Section	Topic	Homework Page: Problems (odd only)	
	3/16 - 3/22		Spring Break!		
16	3/24	7.3 7.4	<ul style="list-style-type: none"> • Complex Fractions • Equations with Rat. Expressions and Graphs 	416 423	3-25 1-11, 15-41
17	3/26	7.5 4.1	<ul style="list-style-type: none"> • Applications of Rational Expressions • Systems of Linear Equations in Two Variables 	435 237	9-19, 43, 47, 49, 51, 53, 57 11-51
18	3/31		Review for Test 3		Review. No problems assigned! p 457, p 278 (1-17)
19	4/2		Test 3		
20	4/7	8.1 8.2	<ul style="list-style-type: none"> • Last day for Student Withdrawal! • Radical Expressions and Graphs • Rational Exponents 	471 479	1-39, 49-67 1-77
21	4/9	8.3	<ul style="list-style-type: none"> • Simplifying Radical Expressions 	489	7-19, 23-91 (every other odd)
22	4/14	8.4 8.5	<ul style="list-style-type: none"> • Adding and Subtracting Radical Expressions • Multiplying and Dividing Radical Expressions 	495 504	5-37 7-25, 43-59, 83-93
23	4/16	8.6	<ul style="list-style-type: none"> • Solving Equations with Radicals 	513	7-31, 37-47
24	4/21	8.7	<ul style="list-style-type: none"> • Complex Numbers 	521	1-67
25	4/23	9.1 9.2 9.5	<ul style="list-style-type: none"> • Sq. Root Property & Completing the Square • The Quadratic Formula • Graphs of Quadratic Functions 	545 554 583	9-13, 47-49 5-37 3-35
26	4/28		Review for Test 4		Review. No problems assigned! p 529, p 615 (13-18, 41-50)
27	4/30		Test 4		
28	5/5	10.2 10.3	<ul style="list-style-type: none"> • Exponential Functions • Logarithmic Functions 	641 649	5-9, 15-25 1-17, 21-33
29	5/7		Review for Final Exam		
30	5/12		Final Exam		