

MATH 103 - INTERMEDIATE ALGEBRA
SYLLABUS/ASSIGNMENT SHEET
Spring 2008

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

Class	Date	Section	Topic	Homework Page: Problems (odd only)	
1	1/24	2.1 2.2	<ul style="list-style-type: none"> • Linear Equations in One Variable • Formulas 	60 67	11-67 7-23
2	1/29	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	1/31	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	2/5	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	2/7	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	2/12		Review for Test 1		
7	2/14		Test 1		
8	2/19	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	2/21	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	2/26	6.1 6.2	<ul style="list-style-type: none"> • GCF, Factoring by Grouping • Factoring Trinomials 	350 358	1-57 5-43
11	2/28	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	3/4	6.5	• Solving Equations by Factoring	376	3-45
13	3/6		Review for Test 2		
	3/10 - 3/16		<i>Spring Break!</i>		
14	3/18		Test 2		
15	3/20	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)	
16	3/25	7.3	• Complex Fractions	416	3-25
		7.4	• Equations with Rat. Expressions and Graphs	423	1-11, 15-41
17	3/27	7.5	• Applications of Rational Expressions	435	9-19, 43, 47, 49, 51, 53, 57
		4.1	• Systems of Linear Equations in Two Variables	237	11-51
18	4/1		Review for Test 3		
19	4/3		Test 3		
20	4/8		• Last day for Student Withdrawal!		
		8.1	• Radical Expressions and Graphs	471	1-39, 49-67
		8.2	• Rational Exponents	479	1-77
21	4/10	8.3	• Simplifying Radical Expressions	489	7-19, 23-91 (every other odd)
22	4/15	8.4	• Adding and Subtracting Radical Expressions	495	5-37
		8.5	• Multiplying and Dividing Radical Expressions	504	7-25, 43-59, 83-93
23	4/17	8.6	• Solving Equations with Radicals	513	7-31, 37-47
24	4/22	8.7	• Complex Numbers	521	1-67
25	4/24	9.2	• The Quadratic Formula	554	5-37
		9.5	• Graphs of Quadratic Functions	583	3-35
26	4/29		Review for Test 4		
27	5/1		Test 4		
28	5/6	10.2	• Exponential Functions	641	5-9, 15-25
		10.3	• Logarithmic Functions	649	1-17, 21-33
29	5/8		Review for Final Exam		
30	5/13		Final Exam		