

Schedule of Assignments
Math 120/121 Spring 2011

Week of		Sections	Topic	Homework	Extra
17-Jan	Mon	No classes	Review		
	Tues	1.1,1.2,1.3,1.4	Review	1.1-1.4	
	Wed	2.1	Linear equations	2.1	
	Thur	2.2	Linear formulas	2.2	
		preliminary quiz			
	Fri	2.3	Linear applications	2.3	
24-Jan	Mon	2.4	More linear applications	2.4	"Linear Equations Applications"
	Tues	2.5	Linear Inequalities	2.5	
		quiz			
	Wed	2.6	Compound Inequalities	2.6	
	Thur	2.7	Absolute Value Equations	2.7	"Library Function $y= x $ "
		Activity "Inequality Applications"			"Inequality Applications"
	Fri	3.1	Graphs and Intercepts	3.1	"Library Function $y=x$ "
31-Jan	Mon	3.2	Slopes of Lines	3.2	
	Tues	3.3	Equations of Lines	3.3	"Writing Linear Equations"
		quiz			
	Wed	3.5	Introduction to Functions	3.5	
	Thur	4.1	Systems of Linear Equations	4.1	"Graphical Solutions of Linear Systems"
		Activity "Slopes and Star Patterns"			"Slopes and Star Patterns"
	Fri	4.3	Applications of Linear Systems		"Mixture Problem Worksheet"
7-Feb	Mon	more linear systems	More Applications	4.3	"Linear Systems Applications"
	Tues	5.1	Integer Exponents and Sci. Notation	5.1	
		quiz			
	Wed	5.2 and 5.3,	Add.and Sub. of Polynomials/ Long Division	5.2,5.3	"Long Division Worksheet"
	Thur	conversions	Conversions		"Conversions"
		Activity "How much is 819 billion dollars"			"How much is 819 billion dollars"
	Fri	5.4	Multiplication of Polynomials	5.4	
14-Feb	Mon	review for test 1			
	Tues	Test 1- over sections 1.1-5.4 and conversions			
	Wed	5.5	Division of Polynomials	5.5	
	Thur	6.1	Factoring, GCF, Grouping	6.1	
		Activity "Quadratic Equation Activity"			"Quadratic Equation Activity"
	Fri	6.2	Factoring trinomials	6.2	
21-Feb	Mon	6.3 and 6.4	Special Factoring (squares and cubes)	6.3,6.4	"Factoring Summary Worksheet"
	Tues	6.5	Solving Equations by Factoring	6.5	Bring "Quadratic Equation Activity"
		quiz			

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	Wed	7.1	Mult. and Div of Rational Expressions	7.1	
	Thur	7.2	Add. and Sub. of Rational Expressions	7.2	
		Activity "Irrational Numbers and Cont. Frac."			"Irrational Numbers and Continuous Fractions"
	Fri	7.3	Complex Fractions	7.3	"Complex Fractions"
28-Feb	Mon	7.4	Rational Equations, simple Rational Graphs	7.4	"Library Function $y=1/x$ "
	Tues	7.5	Rational Applications	7.5	"Rational Equations Applications"
		quiz			
	Wed	8.1	Radical Expressions and Radical Graphs	8.1	"Library Function Square root and cube root"
	Thur	8.2	Rational Exponents	8.2	
		Activity Graph Rational Functions $1/x$ and $1/x-2$			
	Fri	8.3	Simplifying Radicals	8.3	
7-Mar	Mon	8.4	Add. and Sub. of Radicals	8.4	
	Tues	8.5	Mult. and Div. of Radicals	8.5	
		quiz			
	Wed	review for test 2			
	Thurs	Test 2- over sections 5.4-8.5			"Test 2 Grade Check"
	Fri	8.6	Radical Equations	8.6	
14-Mar		No classes			
21-Mar	Mon	9.1	Square Root Property, Completing the Square	9.1	"Perfect Square Trinomials"
	Tues	9.2	Quadratic Formula	9.2	"Derivation of Quadratic Formula"
		quiz			
	Wed	9.3	Equations of Quadratic Form	9.3	
	Thur	9.4	Quadratic Equations Applications	9.4	"Graphing Parabolas" "Quadratic Modeling"
		Activity	Donald in Mathmagicland		
	Fri	10.2	Graphs of Quadratics	10.2,10.3a	"To Graph Any Parabola"
					Add. HW-Graphing Parabolas
28-Mar	Mon	10.3	Min, Max, Quadratic Equations Applications	10.3b	Finish "Quad. Functions Word Problems 1"
	Tues	10.3 continued	Quadratic Equations Applications cont.		Finish "Quad. Functions Word Problems 2"
		quiz			
	Wed	College Algebra 2.1,2.2	Review Dist. and Midpoint Formulas, Circles	C.A. 2.1 &2.2	"Homework-Circles"
	Thur	College Algebra 2.3	Functions	C.A. 2.3	
		Activity C.A. page 199-200 #31-40			Bring book to class
	Fri	College Algebra 2.4	Linear Functions	C.A. 2.4	"Writing Linear Functions"

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4-Apr	Mon	College Algebra 2.5	Parallel, Perpendicular, linear modeling	C.A. 2.5	
	Tues	College Algebra 2.6	Library of Functions, Piecewise Defined Function	C.A. 2.6	"Library of Functions" $y=x^3$ and greatest integer
		quiz			"Inverse Practice Homework"
	Wed	College Algebra 2.7	Single Transformations	C.A. 2.7	"Homework-Transformations"
	Thur	College Algebra 2.7	Multiple Transformations		"The Transformed Function"
		Activity Finish Transformations			
	Fri	College Algebra 2.8	Composition, Difference Quotient		"Homework-Composition of Functions"
11-Apr	Mon	College Algebra 4.1	Inverses	C.A. 4.1	"Additional HW-Inverse Functions"
	Tues	Non-linear Systems			"HW-Non Linear Systems"
		quiz			
	Wed	College Algebra 4.2	Exponential Functions	C.A. 4.2	"Exp Func and Its Inverse""Simple Exp. Equations"
	Thur	College Algebra 4.3	Logarithmic Functions	C.A. 4.3	"Log to Exp Form Worksheet"
		Activity "Transformation Shading"			"Transformation Shading Activity"
	Fri	College Algebra 4.3 cont.	Properties of Logs	C.A. 4.3 cont.	"HW-Logarithmic and Exponential Equations"
18-Apr	Mon	review for test 3			
	Tues	Test 3-sec. 98.6-10.3 and C.A. 2.1-2.8, 4.1-4.3			
	Wed	College Algebra 4.4-4.5	Common and Nat. Logs & Log and Exp Equ.		"Log and Exp Equation Worksheet"
	Thur	C.A. 4.6	Interest Bearing Accounts		"HW-Interest Bearing Accounts"
		Activity- graphs on semi log paper			"Graphs on Semi-log Paper", "Semi-log Paper"
	Fri	C.A. 4.6	Exponential Applications		"Exponential Applications 1"
25-Apr	Mon	C.A. 4.6	More Exponential Applications		"Exponential Applications 2"
	Tues	College Algebra 3.1	Review of Quadratics, power functions		"HW-Quadratics and Polynomials"
		quiz			
	Wed	College Algebra 3.4	Graphs of Polynomial Functions		"Graphing Polynomial Functions"
	Thur	College Algebra 3.5 a	Graphs of Rational Functions		"Graphing Rational Functions-Part 1"
		Activity Rational Functions			"Summary of Graphing Rational Functions"
	Fri	College Algebra 3.5 b	Graphs of Rational Functions		"Graphing Rational Functions-Part 2"
2-May	Mon	review			
	Tues	Test 4 C.A.Chapter 3 and 4			
	Wed	Test continued			
	Thur	review			"Final Review 1 and 2"
	Fri	review			"Final Review 3 and 4"
9-May	Mon	7:30 AM Final exam, Room TBD			