Tentative Outline for Math 1060 - Fall 2013

(*PreCalculus,* by Faires and DeFranza 5th Edition)

Below is a tentative schedule for the class. Some sections will take more time than anticipated, and some will take less. Make sure to check WebAssign for due dates of homework assignments.

Week	Date	Section	Topic	Learning Activities
1	8/26	n/a	Algebra Review - Fractions, Factoring, Simplification	(Worksheet/Probs Only)
		n/a	Algebra Review - Rules of Exponents, Solving Equations	(Worksheet/Probs Only) (Worksheet/Probs Only)
		1.4	Solving Inequalities and Interval Notation, Absolute Value	(Worksheet/Probs Only) (Worksheet/Probs Only)
2	9/2	Labor Day	No Class	
		1.6	Functions	(Worksheet/Probs Only)
		1.6	Functions, Again	
3	9/9	1.7, 1.8	Linear and Quadratic Functions	
		1.8, 2.2	More Quadratic Functions, Absolute Value and Square Root Functions	(Worksheet/Probs Only)
		5.2	Exponential Functions	
4	9/16	2.3, 2.4	Combinations of Functions, Part I	
		2.3, 2.4	Combinations of Functions, Part II	(Worksheet/Probs Only)
		2.5	Inverse Functions, Part I	
5	9/23	2.5, 5.3	Inverse Functions, Part II	(Worksheet/Probs Only)
		5.3, 3.2	Logarithmic Functions, Polynomials	(Worksheet/Probs Only)
		3.3	Polynomial Division	
6	9/30	3.4	Rational Functions, Part I	
		3.4	Rational Functions, Part II	(Worksheet/Probs Only)
		n/a	Applications	

Week	Date	Section	Topic	Learning Activities
7	10/7	n/a	Review	
	10/8		**Exam I**	
		4.2, 4.3	Introduction to the Unit Circle	(Worksheet/Probs Only)
		4.4	Sine and Cosine	
8	10/14	4.6	Other Trigonometric Functions	
		4.5, 4.6	Graphs of Trigonometric Functions	
		4.4	Solving Trig Equations, Part I	(Worksheet/Probs Only)
9	10/21	n/a	Applications of Trigonometry	
		n/a	More Applications of Trig	
		4.8	Inverse Trigonometric Functions Part I	
10	10/28	4.8	Inverse Trigonometric Functions Part II	(Worksheet/Probs Only)
		4.6	Solving Trig Equations, Part II	(Worksheet/Probs Only)
		n/a	More Applications of Trigonometry	
11	11/4	4.7	Trigonometric Identities	
		4.7	Solving Trig Equations, Part III	(Worksheet/Probs Only)
		n/a	Review	
12	11/11	n/a	Review	
	11/12		**Exam II**	
		5.3	More on Logarithmic Functions	(Worksheet/Probs Only)
		5.2, 5.3	Solving Equations with Exponentials and Logs, Part I	(Worksheet/Probs Only)
13	11/18	5.3	Solving Equations with Exponentials and Logs, Part II	
		5.4	Exponential Growth and Decay	
		5.4	Exponential Growth and Decay	(Worksheet/Probs Only)
	11/25		*Thanksgiving Recess*	
14	12/2	n/a	Review	
		n/a	Review	
		n/a	Review	
			Final Exam	