MATH 155 SYLLABUS: SPRING 2012

WEEK	DATES	SECTION	TOPIC	HOMEWORK
1	Jan. 17	3.1	Functions	38,52,76
		3.2	Graphing Functions	12,18,48
		3.3	Transformations of Functions	14,18,22
	Jan. 23		**ALEKS initial assessment due**	
2	Jan. 23	3.5	Operations on Functions	30,50,74
		3.6	Inverse Functions	18,32,76
		5.1	Exponential Functions	20,48,56
3	Jan. 30	5.2	Exponential Models	8,12,20
		5.3	Logarithmic Functions	36,64,90
		5.5(1)	Exponential & Logarithmic Equations**	22,36,46,50,76,80
4	Feb. 6	5.5(2)	Exponential & Logarithmic Equations**	
		6.1	Angles & Their Measure	24,30,68
			REVIEW	
			EXAM I	
5	Feb. 13	6.2	Trigonometric Functions**	10,14,22,26,80,86
		6.3(1)	Solving Right Triangles**	10,14,62,64,66,76
6	Feb. 20	6.3(2)	Solving Right Triangles**	
		6.4	Properties of Trigonometric Functions**	12,24,32,36,44,60
7	Feb. 27	6.5	General Trigonometric Functions**	8,16,24,30,34,66
		6.6(1)	Inverse Trigonometric Functions**	10,28,36,40,44,68
8	March 5	6.6(2)	Inverse Trigonometric Functions**	
			REVIEW	
			EXAM II	
			Last date to withdraw	
	March 12-16		SPRING BREAK	
9	March 19	7.1	Basic Identities	8,16,24,38,56,90
		7.2(1)	Sum, Difference & Cofunction Identities**	16,34,40,44,58,64
10	March 26	7.2(2)	Sum, Difference & Cofunction Identities**	
		7.3	Double-Angle & Half-Angle Identities	20,26,48
11	April 2	7.5	Trigonometric Equations **	6,26,28,44,50,52
12	April 9	8.1	Law of Sines	14,16,22
		8.2	Law of Cosines	12,16,58
13	April 16	8.4	Polar Coordinates & Graphs**	12,14,32,36,40,58
			REVIEW	
			EXAM 3	
14	April 23	9.1	The Parabola	8,12,24
		9.2	The Ellipse	8,16,30
15	April 30	9.3	The Hyperbola	22,32,44
			REVIEW	
	May 4		READING DAY	
	May 7		8 - 9:50 P.M. FINAL	

Sections marked ** will be covered in two lectures and count as two homework assignments.