	Math 240			Proposed Timeline		Winter 2009
	Day	**Date**		**Topic**	**Assignment**	**Important Dates**
1	M	5-Jan	1.1	Angles	# 1 - 85 eoo, 127-132 all	
			1.2	Angle Relationships and Similar Triangles	# 1 - 67 ODD	
2	T	6-Jan	1.3	Trigonometric Functions	# 1 - 81 eoo	
			1.4	Using the Definitions of Trigonometric Functions	# 1 - 77 eoo, 81-96 all	
3	W	7-Jan	2.1	Trigonometric Functions of Acute Angles	# 1 - 59 ODD, 76-81 all	**LDTD w/out incurring fees**
			2.2	Trigonometric Functions of Non-Acute Angles	# 1 - 69 eoo	
4	Th	8-Jan	2.3	Finding Trigonometric Function Values Using a Calculator	# 1 - 61 ODD	
			2.4	Solving Right Triangles	# 1 - 55 ODD	
5	F	9-Jan	2.5	Further Applications of Right Triangle	# 1 - 35 ODD	**Deadline for Cr/Ncr Petition**
6	M	12-Jan	**FIRST EXAM**	Chapters 1 and 2		
7	T	13-Jan	3.1	Radian Measure	# 1 - 87 ODD	
			3.3	The Unit Circle and and Circular Functions	# 1 - 69 ODD	
8	W	14-Jan	3.2	Applications of Radian Measure	# 1 - 57 ODD	
			3.4	Linear and Angular Speed	# 1 - 43 ODD	
9	Th	15-Jan	4.1	Graphs of the Sine and Cosine Functions	# 1 - 39 ODD	**LDTD w/out a "W"**
			4.2	Translations of the Graphs of the Sine and Cosine Functions	# 1 - 53 eoo	
10	F	16-Jan	4.3	Graphs of Tangent and Cotangent Functions	# 1 - 33 ODD	
			4.4	Graphs of Secant and Cosecant Functions	# 1 - 23 ODD	
	M	19-Jan	*No classes*	*Martin Luther King Holiday*		
11	T	20-Jan	**SECOND EXAM**	Chapters 3 and 4		
12	W	21-Jan	5.1	Fundamental Identities	# 1 - 69 eoo	
			5.2	Verifying Trigonometric Identities	# 1 - 77 eoo	
13	Th	22-Jan	5.3	Sum and Difference Identities for Cosine	# 1 - 65 eoo	
			5.4	Sum and Difference Identities for Sine and Tangent	# 1 - 65 eoo	
14	F	23-Jan	5.5	Double-Angle Identities	# 1 - 53 eoo	
			5.6	Half-Angle Identities	# 1 - 57 eoo	
15	M	26-Jan	6.1	Inverse Circular Functions	# 1 - 65 eoo	
			6.4	Equations Involving Inverse Trigonometric Functions	# 1 - 41 eoo	
16	T	27-Jan	6.2	Trigonometric Equations I	# 1 - 49 eoo	
			6.3	Trigonometric Equations II	# 1 - 39 ODD	
17	W	28-Jan	**THIRD EXAM**	Chapters 5 and 6		
18	Th	29-Jan	7.1	Oblique Triangles and the Law of Sines	# 1 - 49 ODD	
			7.2	The Ambigious Case of the Law Sines	# 1 - 37 ODD	
19	F	30-Jan	7.3	The Law of Cosines	# 1 - 69 eoo	**LDTD with a "W"**
20	M	2-Feb	7.4	Vectors, Operations, and the Dot Product	# 49 - 56 all	
			7.5	Applications of Vectors	# 1 - 29 ODD	
21	T	3-Feb	8.1	Complex Numbers	# 63 - 79 odd, 95 - 107 odd	
			8.2	Trigonometric (Polar) Form of Complex Numbers	# 25 - 58 all	
22	W	4-Feb	8.3	The Product and Quotient Theorems	# 1 - 31 ODD	
			8.4	De Moivre's Theorem; Powers and Roots of Complex Numbers	# 1 - 41 ODD	
23	Th	5-Feb	8.5	Polar Equations and Graphs	# 23 -27 all, 37 - 49 odd, 53 - 61 odd	
24	F	6-Feb	**FINAL EXAM**	Chapters 1 - 6 (40%) and Chapters 7 and 8 (60%)		**Last Day of Classes**