

Math 162 - Precalculus II

College Algebra V. 3 Stitz & Zeager			
Week	7	Hooked on Conics	
1	7.1	Introduction to Conics	None
	7.2	Circles	p. 502 #1, 3, 7, 11, 13, 15
2	7.3	Parabolas	p. 512 # 1-17 odd
	7.4	Ellipses	p. 525 #1-19 odd
3	7.5	Hyperbolas	p. 541 #1 - 4, 9,10, 13-23 odd
4		Test 1 Chapter 7 Conic Sections	
Trigonometry Chalmers			
Week	1	Trigonometric Functions	
5	1.1	Angles and Their Measure	p. 9 #1 - 15 odd, 21, 24, 27, 30, 33, 37, 41, 43, 45, 51, 53
	1.2	Right Triangle Trigonometry	p. 20 # 1-11 odd, 17-25 odd, 26
	1.3	Trigonometric Functions of Any Angle	p. 30 # 1 - 23 odd, 25, 30, 35, 41, 43, 45
6	1.4	The Unit Circle	p. 37 #1 - 8, 9, 11, 14, 16, 19
	1.5	Applications and Models	p. 43 #1, 3, 5, 7, 13-21 odd, 22
	2	Graphs and Inverse Functions	
7	2.1	Graphs of Sine and Cosine	p. 56 #1-9 odd, 13-19 odd, 22
	2.2	Graphs of $\tan(x)$, $\cot(x)$, $\csc(x)$ and $\sec(x)$	p. 64 # 1, 2, 3
8	2.3	Inverse Trigonometric Functions	p. 73 #1-19, 29, 30
	2.4	Solving Trigonometric Equations	p.80 #1-15 odd, 19-25 odd, 29
9		Test 2 Trigonometry Chapters 1 and 2	
	3	Trigonometric Identities	
10	3.1	Fundamental Identities	p. 87 #1-17 odd
	3.2	Proving Identities	p. 92 #1-13 odd, 21, 23, 29, 31
11	3.3	Sum and Difference Formulas	p. 100 #1, 3, 6, 8, 9, 13, 17, 19, 23, 27, 31-39 odd
	3.4	Multiple-Angle Formulas	p. 107 #1, 3, 5, 11, 13, 17, 19, 23, 25, 31
	Chapter 4	General Triangles	
12	4.1	Law of Sines	p. 114 #1-23 odd
	4.2	Law of Cosines	p. 122 #1-21 odd
	5	Additional Topics	
13	5.1	Polar Coordinates	p. 137 #1-31 odd
	5.2	Vectors	p. 147 #1-31 odd
14		Test 3 Trigonometry Chapters 3, 4, and 5	
		Final Exam	