

Math 1316 Spring 2008 Lecture Schedule

1/15	Intro	
	1.1	Angles
1/17	1.2	Angle Relationships and Similar Triangles
	1.3	Trigonometric Functions
1/22	1.4	Using the Definition of Trig Functions
1/24	2.1	Trig Functions of Acute Angles
1/29	2.2	Trig Functions of Non-Acute Angles
1/31	2.3	Finding Trig Function Values using a Calculator
	2.4	Solving Right Triangles
2/5	2.5	Further Applications of Right Triangles
2/7	3.1	Radian Measure
	3.2	Applications of Radian Measure
2/12	3.3	Circular Functions
2/14	3.4	Linear and Angular Speed
2/19	4.1	Graph of Sine and Cosine Functions
	4.2	Translations of the Graphs of Sine and Cosine Functions
2/21	4.3	Graphs of other Circular Functions
	4.3	Harmonic Motion
No lecture 2/26 or 2/28		
Exam 1 due no later than 3/2/2008		
3/4	5.1	Fundamental Identities
	5.2	Verifying Trigonometric Identities
3/6	5.3	Sum and Difference Identities for Cosine
	5.3	Sum and Difference Identities for Sine and Tangent
3/11	5.5	Double Angle Identities
	5.6	Half Angle Identities
No lecture 3/13; Spring Break week of 3/17		
3/25	6.1	Inverse Circular Functions
3/27	6.2	Trigonometric Equations I
4/1	6.3	Trigonometric Equations II
4/3	6.4	Equations Involving Inverse Trig Functions
4/8	7.1	Oblique Triangles and the Law of Sines
	7.2	The Ambiguous Case
4/10	7.3	The Law of Cosines
4/15	7.4	Vectors, Operations and the Dot Product
4/17	7.5	Applications of Vectors
Exam 2 due no later than 4/27/2008		
Final Exam due no later than 5/7/2008		