

**Sandy Freriks**  
**Course Outline**  
**Math 1316 Trigonometry**

Topic 1	Angles and Radian Measure
Topic 2	Right Triangle Trigonometry
Topic 3	Trigonometric Functions of Any Angle
Topic 4	Trigonometric Functions: The Unit Circle
Topic 5	Graphs of Sine and Cosine
Topic 6	Graphs of other Trigonometric Functions
Topic 7	Verifying Trigonometric Identities
Topic 8	Sum and Difference Formulas
Topic 9	Double-Angles, Power Reducing and Half Angle Formulas
Topic 10	Product to Sum and Sum to Product Formulas
Topic 11	Trigonometric Equations
Topic 12	Solving Right Triangles
Topic 13	The Law of Sines
Topic 14	The Law of Cosines