

# Pre-Calculus Course Content

5.1 Angles and Radian Measure

5.2 Right Triangle Trigonometry

5.3 Trigonometric Functions of Any Angle

5.4 Trigonometric Functions of Real Numbers; Periodic Functions

5.5 Graphs of Sine and Cosine Functions

5.6 Graphs of Other Trigonometric Functions

5.7 Inverse Trigonometric Functions

5.8 Applications of Trigonometric Functions

6.1 Verifying Trigonometric Identities

6.2 Sum and Difference Formulas

6.3 Double-Angle, Power-Reducing, and Half-Angle Formulas

6.4 Product-to-Sum and Sum-to-Product Formulas

6.5 Trigonometric Equations