

Math 138 – Precalculus II: College Algebra and Trigonometry

Student Learning Outcomes

1. Distinguish among different types of conic sections; construct graphs of conic sections from their equations, and vice versa.
2. Identify the periodic behaviors of trigonometric functions, and use properties of trigonometric functions to construct their equations and graphs.
3. Apply different types of trigonometric identities and construct logical arguments involving these identities.
4. Solve trigonometric equations.
5. Apply methods of trigonometry to applications involving triangles and vectors in two dimensions.