

MATH 140: Precalculus: Trigonometry and Analytic Geometry

Studies trigonometric functions, analytic geometry, polar coordinates, vectors, and related topics. This course is the second part of the precalculus sequence.

Credits: 3

Lecture Hours: 3

Prerequisites:

Grade of "C" or better in MATH 135 or equivalent, satisfactory math placement test score, or consent of instructor.

Program: [Math](#)

Student Learning Outcomes:

- Employ algebraic and geometric representations of trigonometric functions and other relations.
- Use appropriate techniques to analyze and solve application problems requiring the use of trigonometry or analytical geometry.
- Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.