

## **MAT-23 — TRIGONOMETRY AND PRECALCULUS**

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### **About This Course**

**Transfer:** UC, CSU

6.00 units

Prerequisite: MAT-35 or qualifying placement level.

Description: An accelerated college level math course designed to prepare students for calculus. Students will study polynomial, absolute value, radical, rational, exponential, and logarithmic functions, analytic geometry, and polar coordinates. The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, and an introduction to vectors. Students who receive credit for MAT 23 cannot receive credit for MAT 10 and MAT 36. 90 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option.)