

# MATH 251 Analytical Geometry and Calculus I

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## **MATH 251 ANALYTICAL GEOMETRY AND CALCULUS I**

This course is an introduction to calculus and analytic geometry including limits, continuity of functions, definition of differentiation, derivation of formulas, applications, anti-differentiation and the fundamental theorem of calculus. *Letter Grade Only. Degree Credit.*

**Units:** 5

**Hours/semester:** 80-90 Lecture; 160-180 Homework

**Prerequisites:** MATH 222 (offered at CSM or Skyline) or MATH 225 or appropriate score on the College Placement Test or other multiple measures assessment.

**AA/AS Degree Requirements:** Area A3; Math Competency

**Transfer Credit:** CSU (CSU GE Area B4), UC\* (IGETC Area 2A)

**C-ID:** MATH 210; MATH 900S (both MATH 251 + 252)

