

# MATH 275 Ordinary Differential Equations

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## **MATH 275 ORDINARY DIFFERENTIAL EQUATIONS**

Applications involving differential equations and analytical, graphical and numerical solutions of linear differential equations and systems of linear differential equations, power-series solutions of nonlinear differential equations, and solution of linear differential equations with constant coefficients by Laplace Transforms. *Letter Grade Only. Degree Credit.*

**Units:** 3

**Hours/semester:** 48-54 Lecture; 96-108 Homework

**Prerequisites:** MATH 252

**Recommended:** Eligibility for ENGL 100.

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

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

**C-ID:** MATH 240; MATH 910S (both MATH 270 + 275)

