

# PHYS 270 Physics with Calculus III

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## **PHYS 270 PHYSICS WITH CALCULUS III**

This course is the third in a three-semester calculus based series designed to provide a thorough foundation in the fundamentals of physics to students majoring in engineering or the sciences. Topics include thermodynamics, geometrical and physical optics, and modern physics. *Letter Grade Only. Degree Credit.*

**Units:** 4

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

**Prerequisites:** PHYS 250 and completion of, or concurrent enrollment in MATH 253

**AA/AS Degree Requirements:** Area B1, B3; Math Competency

**Transfer Credit:** CSU (CSU GE Area B1, B3), UC\* (IGETC Area 5A, 5C)

**C-ID:** PHYS 215; PHYS 200S (requires PHYS 250, 260 & 270)

