

# PHYS 272 : General Physics II

**Credits:** 3

**Class Hours:** 3 lecture

**Prerequisites:** "C" or higher or concurrent enrollment in MATH 242. "C" or higher in PHYS 170 or PHYS 175.

**Corequisite Courses:**

PHYS 272L

**Description:** This course is the second half of a two-semester introduction to the fundamentals of physics and will cover electromagnetism, the wave and particle nature of light, optics, nuclear physics, as well as selected topics from particle physics, string theory, quantum physics, relativity and condensed matter physics. Lectures and problem solving will regularly use the mathematical tools of algebra, geometry, trigonometry, vectors, and calculus.

**Semester Offered:** Spring

**Designation:**

Diversification: Physical Sciences – DP