

PHYS 152 : College Physics II

Credits: 3

Class Hours: 3 lecture

Prerequisites: "C" or higher or concurrent enrollment in MATH 140X. "C" or higher in PHYS 151.

Corequisite Courses:

PHYS 152L

Recommended: A strong background in Algebra is recommended.

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, and vectors.

Semester Offered: Spring

Designation:

Diversification: Physical Sciences – DP