

PHYS 1401 : College Physics I

Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics listed above.

Credits 4 **Lab Hours** 3 **Lecture Hours** 3 **Lab Fee** Course Fee **Field Experience Hours** 0

Clinical Hours 0 **Course Type** Academic **Extended Hours** 0 **Practicum Hours** 0

Contact Hours 96

Prerequisites

[MATH 1314](#) & 1316 or [MATH 2412](#)

Semester Offered

Not offered every semester