

Physics (Phys)

101 Conceptual Physics w/Lab 4 credit hours

Laboratory course in Conceptual Physics. Topics covered will include: mechanics, sound, electricity and magnetism, light and modern physics. Intended primarily for non-science majors. Three lecture hours and two lab hours. (Fall and Spring)

211 General Physics I w/Lab 4 credit hours

A study of classical mechanics (kinematics and dynamics), including vectors, one- and two-dimensional motion, Newton's laws of motion, energy, linear and rotational motion, linear and angular momentum, impulse, and conservation of energy and momentum. Problem solving will use algebra (no calculus). Intended primarily for science majors who are not physics, mathematics, or engineering majors. Three lecture hours and three lab hours. Prereq: Math 113. (Fall)

212 General Physics II w/Lab 4 credit hours

A study of electricity and magnetism, induction, electromagnetic radiation, lenses, geometric and wave optics, and an introduction to modern physics. Problem-solving will use algebra (no calculus). Intended primarily for science majors who are not physics, mathematics, or engineering majors. Three lecture hours and three lab hours. Prereq: Phys 211 with a "C" or better. (Spring)