



PHYSICAL SCIENCE (PHY)

PHY 105 Physical Science by Inquiry/LAB (4 Credits)

This course is an in-depth inquiry based exploration of basic principles of physical science and scientific methods that are often taught in elementary school. The focus will be on properties of matter, light and color, electric circuits, kinematics, and astronomy. This course is intended for non-science majors.

Prerequisite: MTH 102 - Corequisite: LAB 105

PHY 211 College Physics (4 Credits)

Introductory course for students without a calculus background, and is recommended for pre-medical or pre-professional students. Topics include Newtonian mechanics and gravitation, work & energy, solids & fluids, vibrations, waves, sounds, and heat & thermodynamics.

Prerequisite: MTH 103

PHY 251 University Physics I (4 Credits)

This is the first course in a two semester calculus-level sequence, covering fundamental concepts of physics. Topics include Newtonian mechanics and gravitation, work and energy, the mechanics of solids and fluids, heat and thermodynamics.

Prerequisite: MTH 165

PHY 252 University Physics II (4 Credits)

This course is the second course in a two-semester calculus-level sequence, covering fundamental concepts of physics. Topics include vibrations and waves, electricity and magnetism, light and optics, and an introduction to modern physics.

Prerequisite: MTH 166