

PHYS& 110 : Physics for Non-Science Majors with Lab

Credits 5

Quarter Offered Fall

An introduction to physics intended for students not majoring in science. Topics include basic coverage of motion, force, energy, momentum, gravity, electricity and magnetism, light, waves, and relativity. Course includes one lab credit. This class may include students from multiple sections. (Natural Sciences with Lab, Elective)

Course Outcomes

To build models of real-world phenomena using physics concepts, then use those models to analyze/predict phenomena.

To be able to identify and analyze interactions between objects in terms of the underlying physics, and to show/explain this to another person.

To carry out and interpret experiments in the laboratory, and to correctly answer questions related to the content covered.

To successfully communicate ideas through classroom participation, writing, and graphics.