Calendar description: This algebra-based physics course offers an introduction to the foundations of physics. The emphasis is on the understanding and application of equations of motion, Newton's Laws, the nature of forces, and the extension to fluids. These ideas are applied to "real world" situations, including biological systems. This course does not satisfy the physics requirements for programs in Astrophysics, Chemistry, Engineering, or Physics. Students in these programs should take University Physics I and II.

Classes 3 hrs. and lab/tutorial 3 hrs. per week; 1 semester.

Note: Credit cannot be given to students who have already taken PHY 230.0.

Note: Students who wish to take PHYS 1101.1(.2) following PHYS 1000.1(.2) must obtain a grade of at least A in PHYS 1000.1(.2) and receive the permission of the chair in order to waive the standard prerequisite requirements for PHYS 1101.1(.2).

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Overview

Prerequisites

Nova Scotia grade 11 physics or equivalent Nova Scotia grade 12 math, or equivalent

Dependent courses

PHYS 1001 Physics for Life Sciences II

Student Outcomes

Curriculum

Suggested texts

Notes to the instructor