

Course: Physics 11

Course Format: Online

Credits: 4

Description:

This course is designed to provide students with the basic understanding of the way in which physical forces shape the world around us and will help the student understand the concepts presented in their other science courses. The course uses mathematical skills such as graphing, problem solving, trigonometry and manipulating equations. In addition, the course will provide a basis for those students who wish to continue their education in preparation for a scientific, technological or medical career. The main topics include kinematics, dynamics, energy, heat, waves and electricity.

Prerequisites: Science 10 and Foundations of Mathematics and Pre-calculus 10

Resources: Online course material, access to a computer and Internet

