

Tutor: Natalie Martin
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Grade Level: 10th-12th

Pre-requisites: Algebra 1, General/Physical Science
(*Chemistry is recommended but not required.*)

Course Description: This course provides an understanding of the basic principles involved with physical concepts and the ability to apply these principles in the solution of problems. The course content includes topics in One and two-dimensional motion, Newton's laws and their applications in nature, Work and energy, Electricity, Magnetism, Momentum, Periodic motion, Waves, and Optics. Students investigate physics concepts through experience in laboratories, class and home-work.

Curriculum/Textbook: Exploring Creation with Physics (2nd Edition), Author: Jay Wile, Publisher: Apologia Educational Ministries Inc., ISBN: 978-1-932012-45-3

Course Code: 2003380 PHYS 1

Supplies Required: Scientific calculator.

- **Monthly class cost:** \$10.00 per week
- **Materials Fee:** \$30 per year

Minimum # of students: 4

Maximum # of students: 14

