

Class Name: Exploring Creation with Physics (Honors) **Teacher:** Mrs. Houlberg
Grade levels: 10-12th grades

Description: This college-prep physics course is designed for the student who has completed algebra 1 and geometry and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis and also provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism.

Prerequisites: Algebra 1 and Geometry

Textbook/Author/Publisher:

Exploring Creation with Physics (2nd Edition)

Author: Dr. Jay Wile

Publisher: Apologia Educational Ministries Inc.

ISBN: 978-1-932012-42-2

Supplies required: 3 ring binder, notebook paper, pen, pencils, scientific calculator

Monthly class cost: \$43.00

Materials/lab fee: \$30.00

FLDOE Course Number: 2003390

Maximum # of students:12

Minimum # of students: 1

Teacher contact: Alicia Houlberg

Email: aliciahoulberg@gmail.com

Phone: (321) 271-1865