

Class Name: Physics (Honors)

Teacher: Mr. Anderson

Grade levels: 11-12th

Description: 1 ½ hours—Students will be expected to perform 4-6 hours homework per week. This course gives students a rigorous foundation in high school physics.

Course covers: motion equations & vectors, Newton's laws and applications, circular motion, gravity, work, energy, momentum, periodic motion, waves, optics, electricity, circuits, & magnetism.

Labs will be performed throughout the course to re-enforce principles being taught. This course prepares students for college level work.

Prerequisites: Physical Science, Algebra 2, and Teacher approval.

Textbook/Author/Publisher:

Exploring Creation with Physics (2nd Edition)

Author: Dr. Jay L. Wile

Publisher: Apologia Educational Ministries Inc

ISBN: 978-1-932012-42-2

Supplies required: Scientific calculator. Casio fx-115ES PLUS or equiv.

Weekly class cost: 10.00

Materials/lab fee: 30.00

FLDOE Course Number: 2003390

Maximum # of students--6 Minimum # of students--3

Teacher contact: Randy Anderson

Email: randyandjudy49@gmail.com

Phone: (321) 636-2782

Course Commitments:

Students: take notes in class, do all designated homework on time

Parents: confirm student doing work & turning in on time, provide students semester & final grades based on teacher input.

Teacher: teach course material, explain difficult concepts, issue extra helps, do experiments, grade tests & lab reports, maintain student records, provide tutoring as required.