



Sterling High School

Course Name: Physics

Department: Science

Teacher: Mr. Zimmerman

Prerequisites: Algebra II

Additional Required Materials: Graphing Calculator Suggested

Course Description: This is a course that will cover in one school year, what students should expect to encounter in one semester of a college general physics course. While many of the topics that we will study in physics may have been touched on in physical science, we will go into much greater depth in physics. One of the overriding purposes behind the study of physics is to show the quantifiable nature of all the interactions that we observe in the world around us. The study of physics includes elements of history, scientific experimentation, mathematical calculation, and technical writing.

Our primary focus for most of the year will be the multiple components of classical mechanics. During second semester we will also investigate several other topics which may include states of matter, waves & light, and electricity.

A key element for success in higher education, and in Physics, is for a student to be very determined to pursue their education. This will be an expectation for the students in this course. This focus will ensure your success in this class and in your future academic endeavors.