

Mr. Walter – Physics – 2019-2020  
Room #2-010

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### Course Description

Physics is the study of motion and forces. Throughout this course, you will be able to describe and predict the motion of objects and particles by analyzing the forces acting upon them. You will also understand the energy changes that are connected to motion, including such things as potential energy, kinetic energy, and waves.

### State Testing

At the end of the 4<sup>th</sup> term of this course, students are expected to take a state-written test known as the ASPIRE. This test is written to assess your basic understanding of science practices and is designed to be predictive of the ACT. Do your best on this assessment.

### Format and Procedures

Each unit of this course will start with a lab or phenomenon. The purpose of these activities is to get you thinking about the concepts involved in the unit. You are required to complete this activity before you can access the remainder of the unit. Later assignments will ask you to reflect on the activity and either research or experiment to deepen your understanding.

Within each unit, there are also several “guided notes” assignments. These are portions of the state’s OER textbook with questions and prompts written into them. Activities for students to complete are highlighted in red.

Finally, each lab will also include a test to assess your understanding of the concepts taught within the unit.

### Course Requirements

Remember that all work submitted should be your own. You may give each other advice and help, but each of you is responsible for developing the knowledge and skills on your own. You will demonstrate this through the assessments in the course. These assessments must be taken in class and will be proctored by me.

Because this is a science class, no credit will be given for a term unless at least 1 lab activity has been completed.

### Grading Procedures

Your grade is broken into three categories: Quizzes (30%), Labs (30%), and Tests (40%). My grading scale will be as follows:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
93%	90%	87%	83%	80%	77%	73%	70%	67%	63%	60%	<59%

Strive for at least an 80% on all assignments, especially on the assessments. Your grade for a term will be calculated when you finish the term of work. Please let me know when you finish the work so that I know to submit your grade.