Physics Course Syllabus

Course information

Physics – Junior High School

Course pre-requisites and/or grade level or other restrictions

8th Grade Elective Course (Alternating Days)
Successful completion of 7th grade Physical Science

Teacher contact information

Ken Hill	School #	726-3216 x2406
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Course description/student learning objectives

This course is designed to go into more detailed problems solving in physics. Students in this study will learn to explain in greater details the workings of the physical world. We will study Linear and Non-Linear Motion, Newton's Laws of Motion, Momentum, Energy and Rotational Motion. Gravity is a very complex study, which effect all things on the Earth and in our Solar System and Satellite Motion.

Course content (assignments and so on)

Text Readings from Conceptual Physics 6th Edition by Paul G. Hewitt

Chapter 2 – Linear Motion
Chapter 3 – Nonlinear Motion
Chapter 4 – Newton's Laws of Motion
Chapter 5 – Momentum
Chapter 6 – Energy
Chapter 7 – Rotational Motion
Chapter 8 – Gravity
Chapter 9 – Satellite Motion

Assignments – In this study we will review the chapter with notes and study groups looking at all aspects of the study. Next we will complete all of the review questions at the end of each reading and then the Exercises. Upon completion we will take an examination of all the concepts in the chapter with a written exam.

Required textbooks and materials; suggested course materials

When we begin each chapter the student is required to read the chapter, be attentive in the class and take the required notes on the subject. Assignments are to be completed on time, late assignments will be reduced 50%. All Junior High students should have a pencil or pen, paper, text book or required reading material and a calculator. Make sure your name is on everything, keep it in your locker until needed and keep your locker locked at all times.

Grading policy/assignment policies

A+	97%	A	94%	A-	90%
B+	87%	B	84%	B-	80%
C+	77%	C	74%	C-	70%
D	64%	F	<64%		