



Mill Valley High School

Pre-AP/AP/Honors to Grade Level Course Comparison

Below is a comparison of the Pre-AP/AP/Honors classes to grade level classes. This document is to provide your family with information to aid in your decision making process.

Physics

	AP Physics 1	Physics
Summer Assignment	<ul style="list-style-type: none"> ● Consists of instruction and practice on advanced graphing techniques, proportional reasoning, and simple vector analysis 	<ul style="list-style-type: none"> ● None
Homework	<ul style="list-style-type: none"> ● Daily ● Two questions each day that require in-depth explanation. Requires about 15-20 minutes of time to complete. ● Lab reports completed outside of class 	<ul style="list-style-type: none"> ● Unit reviews are completed outside of class before each test.
Rigor	<ul style="list-style-type: none"> ● Course moves at a faster pace to allow time for AP test review ● Much greater emphasis on graphical analysis ● Students should be comfortable with algebra and simple trigonometry ● Students are expected to make chains of reasoning that are at least 3-4 steps long for each problem. ● Students are expected to be able to use 	<ul style="list-style-type: none"> ● Most assignments are completed in class. ● Moves at a more relaxed pace.
Depth of Content	<ul style="list-style-type: none"> ● The content is equivalent to a first semester algebra-based college physics course. Students will gain an even deeper conceptual understanding due to the fact that we have two semesters to cover the material instead of one. Students are expected to reason at a higher level with the content than in regular Physics. 	<ul style="list-style-type: none"> ● The depth of content is almost the same, but the difficulty level of what students are expected to do with that content is less.
Benefits	<ul style="list-style-type: none"> ● Focus on preparing the student for college & career readiness. ● Preparation for engineering and medical careers ● Weighted credit- standard grade plus 1 ● Colleges look for AP/rigorous courses on transcript 	<ul style="list-style-type: none"> ● Focus on preparing the student for college & career readiness.