

Physics 12 Course Outline

Tamanawis Secondary

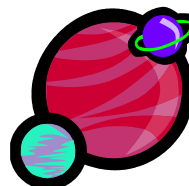
Physics 12 is a highly demanding course that covers many of the same topics as Physics 11 and also applies techniques to a wide variety of problems. It involves a good understanding of the Physics 11 content as well as good math skills and an ability to problem solve.

Course Content

Extended from Physics 11

-these topics take the concepts and equations learned in physics 11 and extend them to a wider variety of complex problems, often involving two dimensional situations.

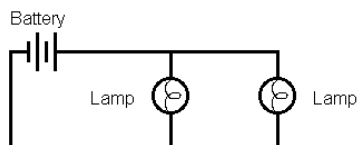
vectors, kinematics, dynamics, work, energy and power, gravitation, momentum



New Topics

-these topics were not covered in Physics 11 but will use skills and ideas learned last year.

equilibrium, circular motion, electrostatics, electric circuits, electromagnetism



Marks Breakdown

Term Work	(75%)
Tests	60%
Quizzes	15%
Labs/Assignments	25%

Final Exam (25%)

Supplies

textbook
binder, paper (lined and graph)
pens, pencil
scientific (graphing) calculator
metric ruler, protractor