

Physics 12 -- Course Outline

The material covered in this course will build on the topics covered in Physics 11 as well as introduce many new concepts.

The topics covered at The Link are identical to the topics covered in any neighbourhood school. In order to receive credit in this class, you must provide evidence that meet all of the Prescribed Learning Outcomes set by the Ministry of Education. Along the way, you will be provided with all the tools necessary to achieve success, but **the ultimate responsibility is on you, the student.**

There are eight main areas of focus in Physics 12:

- Vectors and Relative Motion
- Projectile Motion and Dynamics
- Statics
- Circular Motion and Gravitation
- Electrostatics
- Circuits
- Electromagnetism

Specific Learning Outcomes can be found at <https://curriculum.gov.bc.ca/curriculum/science/12/physics>

Assessment:

The grading of this course will be as follows:

Quizzes	10%
Learning Guides (8)	10%
Projects	20%
Tests	20%
Midterm	15%
Final	25%

Resources required: ruler, protractor, scientific calculator

Recipe for Success

Learning and understanding physics requires consistent practice and dedication. **Students must be prepared to devote between 6 - 10 hours of work a week in order to complete the required course work.**

But do not fret...**help along your journey is always available.**

Drop in (Room 203) is a great way to get a lot of work accomplished and get questions answered. I also encourage you to email me any time to set up an appointment or ask questions to help you with a problem. Getting help early will keep you focused and ensure success.