

Physics 12 – ONLINE @ CLOC - 2019

Instructor: Kishore Singh

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Availability: Mondays: 5:00 – 9:00

Course Website: sd43.knowplace.ca/

Course layout

This is a **self-paced online course**, which means you are expected to work independently and make effective use of your time. Individual help is available from your instructor as noted above.

- There is no textbook required for the course; all unit lessons are online which include topic videos, simulations, practice quizzes, and lesson learning guides (practice questions).
- You will need a **scientific non-programmable calculator** for this course.
- Here is a breakdown of the course units.

Unit	Topic
1	Physics Review (Kinematics, Math Review)
2	Equilibrium & Torque
3	Circular Motion
4	Momentum
Midterm Exam	
5	Electrostatics
6	Electromagnetism
7	Induction
8	Special Relativity

Final Exam

- Please refer to the website for detail unit breakdown.
- Note for Unit 8, **Special Relativity** only, is required.
- **Midterm Exam** will cover Unit 1 – Unit 4
- **Final Exam** will cover Unit 5 – Unit 8
- Some units cover more concepts/topics than others (eg. Unit 2), so pace yourself accordingly.

Your grade for the course will be calculated as follows:

Test	Percent
Unit 1	5
Unit 2	7
Unit 3	6
Unit 4	6
Midterm Exam	25
Unit 5	7
Unit 6	7
Unit 7	6
Unit 8	6
Final Exam	25

Tests and Quizzes and Learning Guides

- Quizzes can be done on your own (unsupervised). Use them as practice for the concepts you have learned. Instant feedback is provided so you can check your work.

- **Unit tests are supervised** and are written at CLOC (during CLOC hours). All unit tests are **closed book**.
- A **formula sheet** can be used for the unit tests (available from the instructor).
- You may also use the **learning guides (LG)** as a review for the unit. The LG and the key can be printed out for your convenience. **You don't need to hand in or upload learning guides or projects for marks.**
- All tests include **multiple-choice** and **written-response** questions.

Important to Remember

- All tests are **paper tests** (not online tests) and must be written in person at **CLOC during Learning Centre hours**. Please bring a picture ID when coming to write the test.
- You need to write the Unit 1 test **within 30 days** of registering for this course.
- You will be allowed to **redo one** unit test of your choice before taking the final exam. Please let the instructor know in advance if you would like to redo a unit test. This is completely optional.
- Set yourself realistic target dates for study and test writing.
- Establish a study schedule and stick to it
- If you have questions, please ask!

All the very best and enjoy the course!