

IB Physics - I (PH32IB)

Collège Sturgeon Heights Collegiate
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Topics

Mechanics

- vectors; kinematics; forces; friction, work, energy and power; momentum; circular motion; rotational dynamics

Oscillations and Waves

- simple harmonic motion; characteristics and properties of waves; standing waves; Doppler effect; diffraction; interference; resolution; polarization

Evaluation

Demonstrates & Communicates Understanding of Science Knowledge & Concepts:

Tests	35%
Quizzes	5%
Assignments	10%

Applies & Communicates Scientific Skills & Attitudes:

Hands-on lab activities	15%
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Recognizes & Communicates Relationships between Science, Technology, Society & the Environment

	5%
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Final Exam 30%

Final Examination

There will be a final examination during the school examination period.

Homework

Homework should be completed to ensure success in this course.

Assignments and Labs

Assignments and labs must be handed in on or before the due date. If there is a problem, please make arrangements prior to the due date - not on the day it is due.

Tests

Each unit will have at least one test which will be announced at least 3 days prior to the test date. If a test is missed due to an excused absence, arrangements will be made to write the test at another time.

Quizzes

Quizzes are online at libbyteach.net. There is one quiz for every test. These will become available when a test is scheduled and can be completed at any time.

Extra Help

Extra help will be available from 8:00 to 8:20 and at lunch time every day.