

IB Physics - II
(PH40SY/PH42SY)

Collège Sturgeon Heights Collegiate

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Topics (40)

1. Electric Forces and Fields
2. Electric Circuits
3. Magnetic Force and Field
4. Electromagnetic Induction
5. Digital Technology
6. Relativity
7. Atomic and Nuclear Physics
8. Energy, Power, and Climate Change

Topics (42)

1. Quantum and Nuclear Physics
2. Electromagnetic Waves OR Particle Physics

Evaluation (both PH40SY and PH42SY)

Tests	47%
Quizzes	4%
Assignments	4%
Labs	15%
Final Exam	30%

Final Examination

There will be a final examination for PH40SY during exam week in January.

There will be an in class final examination for PH42SY at the end of April.

The IB examination will be written in May.

Homework

Homework should be completed to ensure success in this course.

Assignments and Labs

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

Tests

All tests 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 will be given at random intervals throughout the course, usually without notice. If a quiz is missed due to tardiness or an unexcused absence, the student will receive a grade of zero.

Extra Help

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