



PHYSICS
Science
Waves, Optics & Modern Physics
203-NYC-05 (all sections)
Fall 2019

Teachers

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Reference materials

1. Your teacher will tell you which **one of the two textbooks** will be used in your section and whether you need an access code or not for the online homework system.

Serway custom package for Dawson College NYC containing excerpts from *Physics for Scientists and Engineers (with Enhanced WebAssign)* by Serway & Jewett, 9th edition;
or

Knight custom package for Dawson College NYC, 2nd edition, containing excerpts from *Physics for Scientists and Engineers (with Mastering Physics)* by Knight, 4th edition.

The custom packages are available at the bookstore and include a semester-long access code for the online homework system. Used textbook generally do not include an access code.

2. **Library copies:** Copies of the textbooks are available on reserve in the Dawson Library.

Teaching methods

The material will be presented using a mix of active learning activities, lectures, in-class problem solving, laboratory experiments and demonstrations. Laboratory periods will be used for experiments as well as class tests and lectures.

Attendance & participation

Although class attendance is not compulsory, students should make every effort to attend all classes. In the event that a class is missed, the student is responsible for all material covered or assigned during that class.

Attendance during laboratory experiments and for class tests is however compulsory. In the rare event that a student for valid reason (*e.g.* due to an intensive course, illness, *etc.*) is or anticipates to be absent during a laboratory experiment or for a class test, the student **must**, where possible, inform the teacher and provide the necessary documents before the absence or, at the latest, on the day of their return. If the absence is excused, students will have the opportunity to complete the assessment.

All other assessments (readings, quizzes, lab activities, *etc.*) missed due to absence are:

assigned a grade of zero where the absence is not excused;

given zero weight in the calculation of the final grade where the absence is excused.

For additional information regarding attendance, students should refer to the Institutional Student Evaluation Policy (ISEP section IV-C).

Literacy standards

It is expected that students will be able to comprehend the course material and express themselves appropriately as a normal part of their academic performance in the course. Marks may be deducted for inadequate communication skills.

Laboratory work

**Course
content**

The material to be covered is contained in the following chapters and sections of **Physics for Scientists and Engineers by Serway & Jewett, 9th edition**.

Weeks	Topics	Chapter & Section
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