

Prof. Raymond Tung  
 Office: 1415 Ingersoll  
 Phone from outside 718 951-5807  
 from campus phones x2854

**Lectures:** Mon. & Wed. 9:30 – 10:45 432 NE  
**Recitation:** 11:00 – 11:50 Mon. IH 2310 or Wed. IH 4428  
**Lab:** 11:00 – 13:45 Mon. or Wed. IH 2408

[rtung@brooklyn.cuny.edu](mailto:rtung@brooklyn.cuny.edu) (For emergencies only. All other matters: ask in class or office hours.)  
 Office Hours: Mon. & Wed. 12:00 -12:30

**Textbook:** **College Physics** textbook free to download: [openstax.org](https://openstax.org)

Reference: James S. Walker (5<sup>th</sup> edition) “*Physics*” ISBN-13: 978-0-137576-96-8

Download lab material [http://depthome.brooklyn.cuny.edu/physics/phylabs\\_new.html](http://depthome.brooklyn.cuny.edu/physics/phylabs_new.html)

**Subject Matter:** Basic concepts of mechanics and thermodynamics are covered. Students will be asked not only to understand basic concepts but also to be able to apply them to solve standard problems. Memorization of equations is not emphasized.

**Exams:** There will be 2 lecture exams and a final exam. Absences from exams must be excused by the lecturer. No makeup exams will be given. For students who have valid reasons to miss an exam, 90% of the score on the exam following will be used as the score of the missed exam. A doctor’s note is required for an absence due to illness. Any cheating on exam will result in a negative score for that exam. Two or more missed exams result in an F.

**Grades:** Will be based on lecture exams (18% x2), final exam (34%), homework (10%), and laboratory work (20%). However, **to pass this course a passing grade for laboratory is required.**

**Websites:** Exam solutions, lecture viewgraph sets, and other information on this course can be found at <http://academic.brooklyn.cuny.edu/physics/tung/phys1100S24> Homework: <http://www.theexpertta.com>  
 Register: <http://goeta.link/USU34NY-3095F3-33B>

### Lecture Plan (tentative):

Jan. 29, Chap. 1	Jan. 31, Chap 2
Feb 5, Chap 2-3	Feb. 7, Chap 3
---	Feb. 14, Chap 4
<b>Feb. 22 (Thu), Chap 5</b>	Feb. 21, Chap 4-5
Feb. 26, Chap 6	Feb. 28, Chap 6
Mar. 4, Chap 7	Mar 6, Chap 7-8
Mar. 11, Chap 8	Mar. 13, Chap 9
<b>Mar. 18, Exam #1, Chaps. 1-8</b>	Mar. 20, Chap 9
Mar. 25, Chap 10	Mar. 27, Chap 11
Apr. 1, Chap 11-12	Apr. 3, Chap 12
Apr. 8, Chap 16	Apr. 10, Chap 16
Apr. 15, Chap 17	Apr. 17, Chap 17
---	---
---	May 1, Chap 13
<b>May 6, Exam #2 Chaps 9-12,16,17</b>	May 8, Chap. 14-15
May 13, Review	May 15, Review
<b>May 20, 8:00 – 10:00, Final Ex. 1-12,16,17</b>	

**Academic Integrity**

The faculty and administration of Brooklyn College support an environment free from cheating and plagiarism. Each student is responsible for being aware of what constitutes cheating and plagiarism and for avoiding both. The complete text of the CUNY Academic Integrity Policy and the Brooklyn College procedure for policy implementation can be found at [www.brooklyn.cuny.edu/bc/policies](http://www.brooklyn.cuny.edu/bc/policies). If a faculty member suspects a violation of academic integrity and, upon investigation, confirms that violation, or if the student admits the violation, the faculty member MUST report the violation. *Students should be aware that faculty may use plagiarism detection software.*

**Student Disability Services**

In order to receive disability-related academic accommodations students must first be registered with the Center for Student Disability Services (CSDS). Students who have a documented disability or suspect they may have a disability (physical or mental condition which substantially limits one or more major life activity) are invited to call the Center at (718) 951-5538 or visit us in 138 Roosevelt Hall. If you have already registered with the CSDS and submitted necessary forms, you will receive your course accommodation letter to provide to your professor and these specific accommodations can be discussed when appropriate.

**Student Bereavement Policy**

The College has a student bereavement policy to assist students in the event of the death of a loved one:

<http://www.brooklyn.cuny.edu/web/about/initiatives/policies/bereavement.php>

**Nonattendance Because of Religious Beliefs**

The New York State Education Law provides that no student shall be expelled or refused admission to an institution of higher education because he or she is unable to attend classes or participate in examinations or study or work requirements on any particular day or days because of religious beliefs. Students who are unable to attend classes on a particular day or days because of religious beliefs will be excused from any examination or study or work requirements. I will make good-faith efforts to provide students absent from class because of religious beliefs equivalent opportunities to make up the work missed. For more on this policy, please see page 66 of this year's undergraduate bulletin:

<https://www.brooklyn.edu/wp-content/uploads/2023-2024-Undergraduate-Bulletin.pdf>

**Library Services**

Here is a link to the library website: <https://library.brooklyn.cuny.edu/resources/>