

**NYU TANDON SCHOOL OF ENGINEERING  
PH-UY 1013 - MECHANICS**

**I. WELCOME TO PH-UY 1013**

This is the first in a sequence of three physics courses that are basic to your further studies in engineering and science. We expect that your aim is not only to pass this course, but also to learn some physics in the process. Our aim is to do all in our power to ensure that you enjoy doing this, that you successfully complete the course, and that you come to appreciate what physics has to offer.

**II. PREREQUISITE**

The pre-requisite for this course is MA1024 or an approved equivalent. The co-requisite is MA1124 or an approved equivalent. It's quite possible that you were accidentally allowed to register without having already passed the pre-requisite. Be advised that in such a case, you will be de-registered.

**III. INSTRUCTIONAL MODES**

There are two possible modes of instruction for this course:

<b>IN PERSON</b>	Any student can attend any lecture in person.
<b>REMOTE ONLY</b>	All students must attend via Zoom.

See below to determine what the modes are for your lecture and recitation.

Section	Lecture	Recitation
A1	IN PERSON	REMOTE ONLY
A2	REMOTE ONLY	REMOTE ONLY
A3	REMOTE ONLY	REMOTE ONLY
B1	REMOTE ONLY	REMOTE ONLY
B2	REMOTE ONLY	REMOTE ONLY
B3	REMOTE ONLY	REMOTE ONLY
C1	IN PERSON	REMOTE ONLY
C2	REMOTE ONLY	REMOTE ONLY
C3	REMOTE ONLY	REMOTE ONLY
D1	REMOTE ONLY	REMOTE ONLY
D2	REMOTE ONLY	REMOTE ONLY
D3	REMOTE ONLY	REMOTE ONLY

**IV. RECITATION**

The recitation hour provides you with a chance to clear up any misconceptions or questions you might have. **A quiz will be given 30 minutes into the recitation hour.** You will do your work on paper and submit a scan of it to Gradescope, an online grading tool. These quizzes are designed to provide you with additional feedback, aside from your homework, on how familiar you have become with the basic topics, as well as to keep you to a pace of study in line with the overall schedule. They will be on the same topic(s) as on the homework due that particular day. **A specific scientific calculator (in the TI-30, TI-34 or TI-36 series, except for the TI-30X Pro and TI-36X Pro) will be needed for the quizzes. Homework must be submitted electronically before the due time on Friday.**

## V. ONLINE

The **NYU Classes** course website is at <http://newclasses.nyu.edu> and is called "MECHANICS". This is where you will find all relevant course documents as well as the Zoom links for your remote lectures. There is also an NYU Classes recitation website, from which you can access the Zoom links for your recitations.

**MasteringPhysics** (<http://modifiedmastering.com>) is the online platform for both the homework and the exams in this course.

**Gradescope** is the online platform which will be used to deploy and grade the quizzes for this course.

NOTE: Your instructors will be communicating with you throughout the semester via your NYU (@nyu.edu) email address. It is your responsibility to ensure that you receive these messages. If you do not regularly check your NYU account, you should forward those messages to the account you do check on a regular basis.

## VI. EXAMINATIONS

An 80-minute mid-term examination plus a 2-hour Final examination will be given. **No make-ups are given except in cases of extreme personal emergencies, supported by proper documentation (such as a doctor's note). Under no circumstances will a student be allowed to retake an exam already taken.** The 80-minute exam will be given during the common exam time slot (Tuesday, 12:30pm - 1:50pm). Both exams are administered through the MasteringPhysics online system.

## VII. MAKEUPS AND EXTENSIONS

**Quizzes:** There are no makeups for quizzes. If you are unable to take a quiz, you will be excused from the quiz provided you present valid supporting documentation to your lecturer (not your recitation instructor) no later than a week after the missed quiz. The maximum number of excused quizzes allowed per semester is three. After that, you'll have to take a zero on any missed quiz, regardless of the excuse. (NOTE: A student has up to one week after a quiz is graded to submit a regrade request on Gradescope. After this point, the quiz grade becomes permanent.)

**Exams:** For the midterm and final exams, only the most extreme of circumstances will be accepted as valid excuses for being absent. In such cases, in order to be granted a chance for a makeup, you must contact your lecturer no later than the day of your exam and then follow up by providing your lecturer valid supporting documentation no later than a week after the exam. Under no circumstances are makeups given to students who have already taken an exam or who do not have valid supporting documentation.

**Homework:** Homework assignments are rarely given extensions and never excused altogether. It is recommended that you plan to complete your homework assignment at least one day before the due date, so, in the rare case that the system is not working properly, you have enough time to request technical assistance by emailing [john.dibartolo@nyu.edu](mailto:john.dibartolo@nyu.edu).

**NOTE:** If a lecturer deems the amount of missed work for a particular student to be inordinately large, no further work will be excused.

## VIII. STUDY HELP

The Polytechnic Tutoring Center is dedicated to giving you the personalized attention you need to help you achieve your academic goals at the School of Engineering. Their services are available to all students, free of charge. They offer tutoring in physics for first- and second-year undergraduate courses during the academic year. For more information, go to <http://engineering.nyu.edu/academics/support/polytechnic>.

## IX. SPECIAL ACCOMMODATIONS

If you are a student with a disability who is requesting accommodations, please contact New York University's Moses Center for Students with Disabilities at 212-998-4980 or [mosescsd@nyu.edu](mailto:mosescsd@nyu.edu). You must be registered with CSD to receive accommodations. Information about the Moses Center can be found at <http://www.nyu.edu/csd>. The Moses Center is located at 726 Broadway on the 2nd floor. NOTE: The Applied Physics department administers all exams including those requiring special accommodations, but without permission from the Moses Center, a student must

take the exam under normal conditions.

#### **X. GRADES**

Your final grade is determined as follows. Your homework average counts for 5%, your quiz average counts for 25%, your midterm exam counts for 30%, and your final exam counts for 40%. The passing cut-off is set at 50% of the total points in the course. (The lowest two quiz grades and the lowest two homework grades are dropped at the end of the semester. This does not include quizzes from which a student is excused.)

#### **XI. TEXTBOOK**

The textbook for this course is:

Giancoli, *Physics for Scientists & Engineers, Vol. 1* (Chs.1-20) (4th Edition)  
ISBN-13: 978-0132273589

The etext version of the textbook can be purchased through MasteringPhysics.

#### **XII. ACADEMIC HONESTY**

You will be expected to maintain all university regulations concerning academic honesty. Cheating can result in failure of the course and further disciplinary actions in accordance with the university code of conduct.

(<https://engineering.nyu.edu/campus-and-community/student-life/office-student-affairs/policies/student-code-conduct>)

#### **XIII. STUDENT AFFAIRS AND WELLNESS**

If you are experiencing an illness or any other situation that might affect your academic performance in a class, please email Deanna Rayment, Coordinator of Student Advocacy, Compliance and Student Affairs: [deanna.rayment@nyu.edu](mailto:deanna.rayment@nyu.edu). Deanna can reach out to your instructors on your behalf when warranted.

In general, NYU Wellness has counsellors and health professionals available for you, and you can find out more about them from the website below. Please make use of them should you feel the need. Faculty and academic counsellors are also available for advice and support at any time.

<https://www.nyu.edu/students/health-and-wellness/wellness-exchange.html>

#### **XIV. INCLUSION STATEMENT**

NYU Tandon values an inclusive and equitable environment for all our students. We hope to foster a sense of community in this class and consider it a place where individuals of all backgrounds, beliefs, ethnicities, national origins, gender identities, sexual orientations, religious and political affiliations, and abilities will be treated with respect. It is our intent that all students' learning needs be addressed and that the diversity that students bring to this class be viewed as a resource, strength and benefit. If you feel this standard is not being upheld, please let us know.