

Physics 110 (3211) Spring 2020 Syllabus - Hunter College of CUNY

Professor: Dr. Yao Chu (Email: yc904@hunter.cuny.edu, for issues of a personal nature only)

Class Time/Room: T/ F 8:10 am – 9:25 am, 01/27/2020 - 05/22/2020, Room: W714

Office Hours: F 9:30 am – 10:30 am, HN Room 1246

No Classes: T 04/07/2020, 04/14/2020, and F 04/10/2020

Last Class before Final Exam: T 05/12/2020

Course Description

Topics include mechanics, fluids, vibration and waves, and heat and thermodynamics. Students are expected to do all the reading assignment before the lecture. Homework problems are assigned through Mastering Physics. It is required that students do all the problems. There is tutoring available at the Physical Science Learning Center in the Library

Textbook

Physics: Principles With Applications 7th Edition, Giancoli

Mathematics Pre-requisite

Algebra, geometry, and trigonometry are prerequisites of Physics 110.

Attendance

Attendance is required: In addition to lectures, important information regarding exams, homework, schedule etc. are also communicated during class. It is your responsibility to find out what information is disseminated in class if you miss class.

Homework

Homework assignments are assigned via Mastering Physics and are also listed in the weekly schedule

Lab

1. The lab is an essential part of the course, and no grade is given without completion of the lab.
2. The lab is 15% of the total grade.
3. Student must complete a minimum of 10 labs out of 12 to get a lab grade. If a student completes less than 10 labs, he/she will receive a zero for the missing lab(s).
4. If a student is repeating the course and has completed the lab in a preceding semester, it is not necessary to repeat the lab: the lab average from the preceding semester will be used in determining the course grade.

Course grade

There are two midterms and comprehensive final exam. The grading is described in the table below.

Midterm 1	20%
Midterm 2	20%
Homework	10%
Attendance/Participation (-0.5% for each unexcused absence)	5%/5%
Lab	15%
Final exam	25%
Total	100%

The exam questions are problem solving and conceptual types. No make-up exams! Missing midterm exam score may be substituted by one of your other midterm exam at my discretion.

Credit/No Credit Grading Option

You may choose to be graded in this course on a Credit/No Credit basis. Before selecting this option, check with your departmental adviser and be aware that many colleges, professional schools, and employers may look with disfavor on Credit/No Credit grades and may even convert Credit to C and No Credit to F for their purposes, as described in the Hunter Catalog.

Academic Integrity

Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The college is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedure

Accessibility

In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/ or Learning) consult the Office of AccessABILITY located in Room 1214 B East building to secure necessary academic accommodations.

Hunter College does not discriminate against any student on the basis of pregnancy or related conditions. Absences due to medical conditions relating to pregnancy will be excused for as long as deemed medically necessary by a student's doctor and students will be given the opportunity to make up missed work. Students needing assistance can seek accommodations from the Office of AccessABILITY

Sexual Harassment

It is the policy of The City University of New York and Hunter College to prohibit sexual harassment of employees and students. It is a violation of policy for any member of the college community to take action against any individual for reporting sexual harassment.

Hunter College has a sexual harassment panel, appointed by the President, which consists of faculty, staff, and students. The panel is charged with ensuring that the college community is familiar with the sexual harassment policies of Hunter College and the City University. Other responsibilities include investigating reports of sexual harassment and forwarding findings and recommendations to the college President. A member of the faculty, staff, or a student should report sexual harassment occurrences to a member of the Sexual Harassment Panel or to the Dean of Students, and, if required, to the local city police precinct. Reporting information can also be found in college catalogs and schedule of classes.

The entire Hunter College Sexual Harassment Policy can be found on the Human Resources website.

http://www.hunter.cuny.edu/publicsafety/repository/files/Sexual_Assault_PolicyBOTAugust20103.pdf

Materials to be covered (as of 12/09/2019)

Chapter	Omitted Sections	Suggested Problems
1	none	none
2	none	8,11,16,19,21,30,31,36,46 48,53,68,71
3	7	5,9,10,12,13,17,18,48
4	none	7,9,11,16,23,24,27,34,42, 47,50,65
5	4, 6-10	7,8,12,15,17,31,32,68,73
6	2	9,12,19,22,24,25,29,39,40, 41,44,48,69,90
7	7-10	10,11,18,21,29,31,35,39,42, 78
8	7-9	5,6,8,14,20,22,23,27,29,35, 39,46
9	3,4,6,7	1,12,13,14,18,19,27,30
10	11-14	13,14,18,25,26,35,40,50
11	5,6,13-15	5,8,20,22,23,25,30,40,42,52, 55
12	all	
13	10-12	2,7,17,20,25,27,31,37,53,54, 68
14	none	2,6,12,13,14,17,28,30,34,38, 47
15	3,6,8-11	1,4,6,7,8,10,13,25,30,39,41

Exam dates: First exam - Friday, March 6, 2020, second exam Friday, April 3, 2020.