

PHY125: Classical Physics A
Remote Instruction

Fall 2020

PHY125 is the first of a three-course sequence on calculus-based, introductory-level physics. PHY125 covers classical mechanics of point-like objects and mechanics of solid objects. The other two courses in the sequence are PHY126 and PHY127, which, together, cover fluids, waves and thermodynamics, electricity, magnetism, and optics.

Because of university policy aimed at safe and effective instruction during the covid-19 pandemic, the lectures, recitations, mid-term exams, and other regular interactions with the course instructors will be done remotely via a web platform. The final exam will be done using the proctoring platform recommended by SBU, which will be announced at a later time.

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Textbook Physics for Scientists & Engineers, 4th edition
Douglas C. Giancoli, Pearson Prentice Hall
PHY125 will cover chapters 1 to 12
The book can be purchased together with the Student Access Code for logging on to MasteringPhysics.com, where students will complete homework assignments.

Lectures Monday, Wednesday and Friday from 8 am to 8:55 am
Online Synchronous
Online Asynchronous available the afternoon following the live lecture
First day of class: August 24
Last day of class: December 7
No class on November 23-27 (Thanksgiving Break)

Recitations Rec. 01: Mon. 1 pm – 1:55 pm Rec. 02: Wed. 1 pm – 1:55 pm
Rec. 03: Fri. 1 pm – 1:55 pm Rec. 04: Tue. 3:00 – 3:55 pm
Online Synchronous
Online Asynchronous available the evening following the live recitation
Start the week of August 31

Office Hours Wednesdays and Fridays from 10:00 am to 11:30 am
Online Synchronous

Help Room Hours to be announced. Staffed by Instructors and Teaching Assistants
Online Synchronous

- Homework** Weekly assignments from Pearson's website MasteringPhysics.com
- Evaluations** Two mid-term exams and a final exam. Dates to be determined
Several quizzes during recitation hours. Dates selected at random by instructor
- Equipment & Software** Access to an internet-connected computer/tablet with a camera and microphone and with the meeting platform Zoom is necessary
- Blackboard** Used for course announcements, distribution of lecture material, and weekly homework assignments
- Grades**
- Numerical grade**
15% Homework; 15% Quizzes
40% Midterm Exams (20% each); 30 % Final Exam
- Letter grade**
100 > A > 90 89 > A⁻ > 85
84 > B⁺ > 80 79 > B > 75 74 > B⁻ > 70
69 > C⁺ > 65 64 > C > 55 54 > C⁻ > 50
49 > D > 45 44 > F > 0

Study Tips (Adapted from Giancoli, p. xviii)
Before class, read textbook sections to be covered in class; get familiar with vocabulary and notation. Do extra-credit quiz.
Attend all classes, both lectures and recitations. Watch recorded sessions if you couldn't come to class or would like to go over some of the material.
After class, read textbook material covered in class, paying attention to main concepts, details and worked-out examples. Do homework exercises and problems that correspond to material covered in class.

Academic Integrity

Each student is accountable for all submitted work. Representing another person's work as your own is wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic integrity website at http://www.stonybrook.edu/commcms/academic_integrity/index.html .

Americans with Disabilities Act

If you have a physical, psychiatric/emotional, medical or learning disability that may impact on your ability to carry out assigned course work, you should contact the staff in the Disability Support Services office [DSS], ECC (Educational Communications Center) Building, Room 128, (631)632- 6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

<https://web.stonybrook.edu/newfaculty/StudentResources/Pages/DisabilitySupportServices.aspx>

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the website

<http://www.sunysb.edu/ehs/fire/disabilities.shtml> .

Critical Incident Management

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn.

Religious Observances

The academic calendar has no religious holidays. See the List of Religious and Other Holidays and other relevant links at

http://www.stonybrook.edu/commcms/provost/faculty/handbook/employment/list_of_religious_and_university_holidays#view-s2018

Students will be expected to notify the lecture- and/or recitation-instructor(s) by email, in advance, of their intention to be absent for any religious observance during the Fall 2020 semester. They can discuss with their instructor(s) before then how they will be able to secure the work covered.