

Introductory General Physics (Physics 112N)

Summer 2022

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Required *College Physics, Vol. 2, 11th Edition*, by H. Young & Ph.W. Adams &
ISBN: 0321976916 / [9780321976918](https://www.amazon.com/dp/0321976916) ebook will be available through canvas.odu.edu

Publisher: [Pearson Education](http://www.pearson.com)

Materials:

Physics 112N Laboratory Manual

Lectures: June 27-August 5, 2022
Monday, Wednesday, Friday 9:00 – 11:30 am

Course Grade:	Two Midterm Exams	20%
	Homework Assignments	20%
	Lab	20%
	Final Examination	40%

Note: **One must receive a passing grade in the laboratory in order to pass the course.**

Final Exam: Room 200, Physics/Oceanography Building
Friday, August 5, 2022
9:00 – 11:30 am

Midterm Exams:

Two midterm examinations will be given. The tentative dates (subject to change) for the tests are July 8, July 22.

University Honor Code

You are expected to conform to the University Honor Code in all aspects of your conduct in this course. In particular, you are not allowed to use cell phones or access the

internet during tests, nor are you allowed to copy, or allow your work to be copied, during tests. Any and all work that you do on a test must be 100% your own work. Any cases of suspected academic dishonesty will be processed according to the policy in the undergraduate catalogue, pages 15-19. Acceptable conduct for weekly homework is addressed in the next section.

Weekly Homework

Assignments will usually be available on Wednesday and due the following Wednesday at 10 p.m. Due dates are subject to change depending on what material is covered in class each week. The homework will consist of problems assigned from the text. The homework must be submitted using the Mastering Physics on-line system (see below).

Homework is not a test. You are encouraged to work together on it and get help. *However*, you are responsible for understanding the physics of each homework problem and the method of solution. You must calculate your own answers. It is cheating to let other people do your homework for you. It is also cheating to obtain solutions to the problems from some other source, including on-line. You are welcome to ask questions in class regarding the homework. If you do not thoroughly understand the solution to each homework problem, it is unlikely that you will be able to solve a slightly different problem on a test.

Attendance

You are advised to consult the Undergraduate Catalog for information concerning university policies relating to class attendance. Attendance in the laboratory is mandatory. Attendance at the lecture is not mandatory, but is advisable for several reasons:

- Physics is best learned when you are exposed to the concepts several times, *i.e.*, by reading the book, attending lecture, doing the homework, doing the labs and studying for the tests.
- Material that is not in the book may be presented in class.
- Test dates will be announced in class.
- Homework problems may be discussed in class.

Laboratory (OCNPS 138)

You must be enrolled in one of the laboratory sections associated with this course. The first laboratory session will be held during the *first* week of class. A permanent change from one laboratory section to another requires that a drop-add form be processed through the ODU registrar.

Attendance is required in the laboratory part of this course. Any student with **more than one absence** in the laboratory **will fail** the laboratory and thus the course. If you have to miss a lab, you may attend a different laboratory session during the same week *if* you obtain permission from the lab instructor in the session you would like to attend. Be sure to get that lab instructor to sign your data sheet, which you should append to your lab report. You must then hand in your lab report on time to your regular

instructor. **A satisfactory lab report must be turned in to get credit for attendance at the lab.**

You must bring your laboratory manual with you to the lab. It is very important that you read the lab before you come to class and bring any other items that you will need. Graph paper will not be provided so you must bring that with you if the lab requires it. The lab instructor will discuss the appropriate format for the lab reports and the grading procedure.

It is important that you arrive at your lab on time. The lab instructor will introduce the lab and discuss safety issues at the beginning of the laboratory session. If you are late, the lab instructor has the authority to deny you admission to the lab and you will be counted as absent.

Mastering Physics

All assignment answers must be submitted electronically using Mastering Physics. Please get an access to the Mastering Physics via www.blackboard.odu.edu

Scores - Letter Grades

(90-100) – A

(75-90) – B

(65-75) – C

(55-65) – D