

Using CAPA

Getting your personalized homework set:

- Step 1:** Find a computer. Login to the computer using your email account name and password.
- Step 2:** Start a web browser, such as *Firefox*, *Safari*, or *Internet Explorer*.
- Step 3:** Type the following into the address bar: **http://capa.geneseo.edu/**, and hit “enter.”
- Step 4:** Click on “Download Your Homework Set”, then click on the link for this class (“phys101f07”).
- Step 5:** Click on the homework set you want (such as “set 01”).
- Step 6:** Your personalized assignment is available as an Adobe Acrobat file (.pdf). Click on the file having your own name. To view or print this file, you need to have *Adobe Reader*, which is installed on virtually all computers. Consult the online directions at **capa.geneseo.edu** for help with *Adobe Reader*.

You are not required to print a hardcopy of each week’s homework assignment. However, a hardcopy is very useful when working on problems away from your computer, when coming to office hours for help, and to keep in your records for use while studying for mini-tests.

To enter your solutions:

- Step 0:** Solve the problems first, on paper, and then take your answers to the computer room. Be sure you use adequate sig-digs throughout the problem. I recommend that you keep all intermediate results to at least 4 sig-digs, even though CAPA only requires answers to have 3 sig-digs. Note that “0.0074” has only two significant figures.
- Step 1:** From the main CAPA web page (see step #3 above), click on “Go to the CAPA Web Version to enter your homework solutions”.
- Step 2:** From the “Class” menu at the top, choose “p101f07” to specify this class.
- Step 3:** Type in your student ID (a “G” followed by eight digits).
- Step 4:** Type in your CAPA ID (a unique 4-digit number printed at the top of each homework assignment).
Note that this number will be different for you every week).
- Step 5:** Click on the “here” button in “Click here to work on CAPA.”
- Step 6:** Click on “Try current set”. CAPA knows which one is the “current” set based on your 4-digit CAPA ID number.
- Step 7:** For as many questions as you wish, type in the answer (with the units if appropriate), then click any one of the “Submit all answers” buttons. You can submit one answer at a time, or all of them together. You will typically get ten tries to do each problem, with no penalties. If you use all the allowed tries without getting it correct, you will not be permitted to attempt that problem again.
DO NOT Use your web browser’s “Reload” button. This will resubmit the answers you tried last, and charge you a “try” on those problems. In the unlikely event that you need to refresh your screen, use CAPA’s “Reload” button at the top of the page.
- Step 8:** When you are done, click on the “Exit” button at the top of the page.

Tips:

A list of all acceptable units, their abbreviations, and how to enter compound units can be found via links on the main CAPA homepage.

Scientific notation is performed using “E” notation. “E7” stands for “ $\times 10^7$ ”, for example.

Example: to enter $1.09 \times 10^{-10} \frac{\text{kg} \cdot \text{m}}{\text{s}^2}$, type “1.09E-10 kg*m/s^2”

It is a good idea to keep a record of the answers you have attempted to difficult problems. Otherwise, you could easily enter the same answer multiple times, thus wasting tries.