

CAPA Homework Instructions

The CAPA homework system is a web-based homework system which provides personalized problem sets for each student with the following benefits:

- instant feedback on right/wrong answers - some questions will supply hints stresses proper significant figures and units
- most questions allow for multiple attempts to get the correct answer - incorrect guesses do not count against you (unless you use the maximum # of guesses)
- students can log on to the CAPA server multiple times for the same problem set, and CAPA will save your work from previous sessions
- CAPA provides you with a summary of your scores on individual assignments and your overall score (see the "Term Summary" button on the login page)

Instructions for logging on

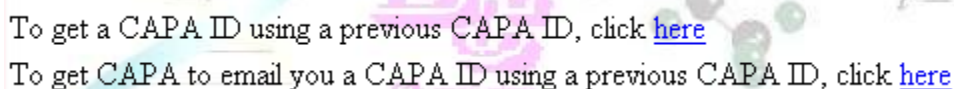
- In order to complete the assignment, you need access to a computer that has a web browser. To log on to the CAPA homework system, send your web browser to:

<http://photon.bridgewater.edu>

This will take you to the home page of the server, where you will be provided with a link to the homework system.

- From the CAPA homework page, choose your course number from the drop-down list and then enter your student ID and CAPA ID (from the set you want to work on) into the appropriate boxes and click on the "Here" button. If everything has been entered correctly, you will see a page with several buttons:
 - **Help** - with using CAPA, proper answer entry, units and scientific notation
 - **Try current set** - opens up the current set for you to submit answers
 - **View previous set** - allows you to view the answer key to previous sets (after the due-date)
 - **Display term summary** - displays your homework scores and percentages
 - **Exit** - closes the web browser

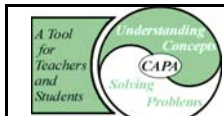
Lost Assignments: - If you are not present in lecture to collect your assignment, you can obtain your CAPA ID online by using a CAPA ID from an older assignment OR you can pick up your printed assignment during the next scheduled lecture. You can choose one of these options (see Figure below) by scrolling to the bottom portion of the CAPA sign-in page.



To get a CAPA ID using a previous CAPA ID, click [here](#)
To get CAPA to email you a CAPA ID using a previous CAPA ID, click [here](#)

Figure 1. Two options for getting a CAPA ID when you lost your assignment.

Help with units and sig figs: - CAPA answers generally require you to enter the correct number of significant figures (SF) and units, unless otherwise stated. It will take you a set or two to get used to this, but with practice you will become proficient at correctly formatting numerical answers. If, after you submit your answer to a numerical question, the top of the screen yields a bold "S" below the problem number(s) you just submitted, then you have not provided the proper number of SF's. Recheck your calculations and the numbers provided in the problem to determine the correct SF's. If, after you submit your answer to a question, the top of the screen yields a bold "U", then you have not provided the proper units. Recheck your calculations and the provided units in the problem to determine the units of the final answer. Be aware that some problems request that no units be included with your answer. If you are still unsure, click on the "Help" button (that appears just after you have logged in) or see your instructor.



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Maximum number of attempts: If you get the answer correct, the top of the screen yields a bold "Y" below the problem number(s) submitted. If your units or significant figures are incorrect, you will see a "U" or "S" in this area, but these errors do not count as a wrong answer. Most problems will allow you to attempt an answer more than once - many have up to 12 guesses - each problem will indicate how many guesses are left after you've input your first answer. If your units and SF's are both correct, but the answer is still incorrect, the top of the screen yields a bold "N" below the problem number(s). When you have exhausted the number of tries, you will be locked out of that problem and will receive no credit for it. **PLEASE SEE YOUR INSTRUCTOR WELL BEFORE YOU REACH THE LAST TRY** so that he/she can help you better understand the problem. A complete assignment is achieved when there are "Y" 's under each problem number at the top of the set. You do not have to turn in anything on paper unless there are hand-in problems on your assignment. These will be clearly designated on your CAPA set and will generally be listed as the last few problems.

Asking for help: Keep in mind that your problem set and numbers are unique, so when asking for help avoid general questions (e.g. "I don't understand #6"). In asking an instructor or other students for help, include the numerical values and show how you have attempted the calculations, as well as what answer(s) you have derived - this is especially helpful if you post a question to the Discussion board or e-mail. This will allow others to see your work, and more readily identify where a mistake is being made.

SPECIAL NOTE: There is a computer enforced deadline on ALL CAPA assignments, and is listed at the top of each problem set. **NO LATE WORK WILL BE ACCEPTED** for CAPA homework assignments.