

Quantitative Skills and Reasoning

Outside of Class – Homework Practice

Your standing homework assignment is to spend at least 2 hours working on this class outside of class time for each hour we meet in the classroom. Focus on getting as much done as you can in a reasonable amount of time. **Working hard is critical to success.** Rest and breaks are also critical. Working a little bit every day is the best method. Cramming a lot into fewer sessions often leads to test anxiety and “crashing” or “bombing” on tests.

During the time you spend working on the material outside of class time, consider the following:

1. Make a separate sheet (folder of sheets) with just vocabulary and formulas. You can attach this next to your section handouts given in class.
2. Rework examples from notes without looking at the solutions.
3. Find exercises in the Text that look just like examples done in class. Practice one of each type, then go back and try exercises repeating those skills and concepts.
4. Find exercises in the Text that cover the objectives, but look different than examples done in class. Again, skip around trying different ideas and skills. (*You can also look for questions that interest you and practice applying our objective concepts and skills to them.*)
5. Spend focused work on a particular concept or skill that you have identified as important or with which you are struggling. (Set a time limit, of maybe 30 minutes for this work per topic.)
6. Skim the next section to get the gist of what will happen in the next class.
7. Practice answering a sample of a variety of questions from previous sections without looking at resources to practice performing on test day. (At least once before an exam you should practice answering samples of all types of potential test questions for the length of time equal to the testing period, without looking at any resources until the end of the time limit, just like you will have to do on a test.)
8. Make a list of questions to ask during class time, during office hours, Math Jam Fridays, or to take to a tutor.