# 1331 Student Resource Guide

## I am so lost I don't know what to ask:
- While in lecture and recitation have a note sheet for the sole purpose of questions to ask in office hours
- Go over the schedule for your course and look at the topics covered in lecture for more of an idea of what you should know. If you see a topic you need help with start reading more about it and come to office hours for help
- Recitation slides should be uploaded to your Canvas section under Files > Recitation > General.
- Email your TAs and come to office hours; our job is to help you! We can help figure out where you should start studying. Check out the office hour schedule in Canvas.

## I understand concepts but I struggle applying them:
- Your professors post practice questions from the book (CheckPoints) try going through these. You can find them on Canvas announcements and in Pages for Professor Stasko and the Pages sections of Canvas for Professor Watson-Phillips. Be sure you can complete the questions without using your notes
- Your TAs are working on creating new videos for your benefit. If you would like to see a topic in a video then comment on the pinned Piazza post titled VIDEOS!. [YouTube link](#).
- You can try leetcode, HackerRank, or codingbat but these are not officially supported by the 1331 staff (professors and TAs)
- Try writing you own examples based on what you are learning in lecture. If you don't do well on a homework or exam then come to office hours and ask a TA to walk through it with you to be sure you understand how to do it in the future
- Download any example code posted from class and play with it. Try to make changes to do different things. Often there has been some discussion in class about the code and different scenarios; make sure you understand these.
- Consider attending a [PLUS session](#) for the course.

**I have a difficult time understanding concepts:**
- Go to Canvas and check out the Files tab. Both professors post the code written in class and the TAs post recitation slides. Read over these for a refresher on concepts
- Check out the [Java Oracle tutorials](#) for more background information
- The book has checkpoint questions after every section in a chapter. Try doing the checkpoints. If you can finish them easily then move on to the next section, otherwise go back and read that section.
- Check out [LinkedIn Learning](#) (formerly Lynda.com) for some really great Java tutorials. Georgia Tech provides you a free membership to this site but you must login through [this link](#). Here is an example that covers Object Oriented programming: [https://www.lynda.com/Java-tutorials/What-object-oriented-programming/669544/715939-4.html](https://www.lynda.com/Java-tutorials/What-object-oriented-programming/669544/715939-4.html)

**I need help with studying and organizing my notes in general:**
- The Center for Academic Success has free Academic Coaches that can help you with this. Click [here](#) to learn more.

**I work better studying with peers, but don't know anyone in the class:**
- Post in Piazza. You are more than welcome to make collaborative google drive study sheets or make a study session open to other classmates. Just be sure that you are always following the Georgia Tech Honor Code when doing so
- There's a new app called Huddler dedicated to helping you form study groups. There are flyers up in CoC and Klaus.
- Socialize in your recitation!
- If you can come to office hours, try to work with your classmates there. (As long as you update your collaboration statement.)
- Consider attending a [PLUS session](#) for the course.

**I just need someone to sit down and help me:**
- The CoC offers free tutors. Click here to make an appointment.
- The Center for Academic Success also offers free tutors. Click here to make an appointment.
- If both the CoC and Center for Academic Success do not have tutors that can fit your schedule then click here to fill out an Unmet Tutoring Need. The Center for Academic Success will work quickly to find you a tutor that can meet with you.
  - The TAs are not allowed to tutor you ( :/ ) so please go through these resources if you need a tutor.
- Write a list of specific topics or questions and stop by office hours. Especially on Fridays and Mondays, the lab is usually empty enough we can dedicate a block of time to help you.
- Consider meeting with your professor. Often times there is a fundamental concept you may be missing that will help the pieces fall into place and your professors can help with that. See your Canvas site for office hours or send an email for an appointment.