The "How to Get Started" Guide for CH 222Z / CH 228Z

How to get started in CH 222Z / CH 228Z

- Get the **free textbook** for the class here: http://mhchem.org/text/OpenStaxAtomsRussell.pdf
- **Purchase** (http://mhcc.edu/bookstore) **or print** (http://mhchem.org/cp2) the **Chemistry 222 Companion**
- Get the **"What's Due This Week" schedule** for CH 221 (in the syllabus or here: http://mhchem.org/Syl222
- **Request a compound for the Class Presentation** from the instructor (email); info: http://mhchem.org/cp222
- Start working on Problem Set #1, the "Percent $KClO_3$" lab and the "Introduce Yourself" assignment;; get ready for Quiz 1, etc.
- The **LSC/AVID center** at MHCC (http://mhcc.edu/lsc/) **offers free chemistry tutoring** for CH 221, both in person (located above the library) or online via Zoom.

How to start (and finish) a lab in CH 222Z / CH 228Z

- **Get a printed copy of the lab** from the Chemistry 222 Companion or the website (http://mhchem.org/lab222)
- Look over the lab instructions; optionally, check out the **video introduction to the lab** (link under "Step Two" on the front page)
- Complete the lab work during the lab period on your specific lab day
- Finish all calculations and work before turning the report in the following week. **Labs will *always* be due at 1:10 PM** on the day of your lab (unless informed otherwise.)

How to start (and finish) a problem set in CH 222Z

- **Get a copy of the problem set** from the Chemistry 222 Companion or the website (http://mhchem.org/pset222)
- Look over the problems in the problem set, then start working on them (using separate pieces of paper or the actual problem set.) Use the textbook, lectures, videos, etc. to answer your questions.
- When ready, **check your work using the problem set recitation video** (link found on the front page of the problem set.) **Self-correct your work!** Self correct both the correct and incorrect problems for full credit.
- Turn in your problem set (with self correct marks showing on all problems) at the beginning of recitation. **Problem sets will *always* be due at time of your lab** (i.e. AC 2501 at 1:10 PM) unless informed otherwise.

Hot to prepare for a seminar self quiz in CH 222Z

- **Arrive at recitation *on time* and get your seminar quiz**. <u>If you are more than ten minutes late to recitation, you will miss the opportunity to complete the seminar quiz</u> and your score will be zero points for this assignment.
- Complete the 'show your work' questions within the time allowed (about 20-30 minutes.) You can use a **periodic table** (from the instructor, http://mhchem.org/pertab/) and your **calculator**. **No notes are allowed.**
- We will **self-correct the seminar self quiz together as a class** - make sure you correct all problems! - before turning it in to the instructor. **There are no make up seminar quizzes if recitation is missed for any reason**, so make sure you attend on time!

Hot to prepare for a quiz in CH 222Z

- **You will take all quizzes (and exams) during recitation** (the first part of the lab period.)
- All quizzes will take about 30 minutes and consist of 'show your work' questions. You can use a **periodic table** (from the instructor, http://mhchem.org/pertab/) and your **calculator**. **No notes are allowed.**
- Use the problem set to help you prepare for the quiz.
- A **sample quiz (with answers)** will be available to help you prepare for the quiz (available from the Chemistry 222 Companion or the website (http://mhchem.org/qz2)

How to complete the Class Presentation in CH 222Z

- First, **request a compound for the Class Presentation** from the instructor (email); info: http://mhchem.org/cp222
- Once you have a compound, begin researching the compound using the MHCC library, the internet, etc.
- You will create a Class Presentation paper. **Use this example when creating your paper:** http://mhchem.org/expaper/
- **Find at least two science peer reviewed article abstracts and citations on your compound using the MHCC library** (https://libguides.mhcc.edu/chemistryguide). Select "Articles", then a database (i.e. ScienceDirect College Edition), then enter the name of your compound and search. Thousands of articles should appear; all you need is the abstract (copy and paste it, do not write it) and the citation to the article (probably available in the entry for the article.) More info here: http://mhchem.org/abstr
- **Complete the Rough Draft Class Presentation Paper** by the established date. Include at least one science peer reviewed article abstract and citation, as well as the Rough Draft Cover sheet (http://mhchem.org/rd2) and at least two typed pages of work on your paper.
- Start **preparing your Class Presentation** (which will be given in lab to your lab group on the established date.) You can use the Windows computer in the recitation room for PowerPoint, Google Slides, etc. (Keynote users: export as PowerPoint, you cannot use Keynote on a Windows computer.) Alternatively, you can just talk without using the computer, or have a presentation board, etc. **Your presentation should last no more than five minutes** to avoid a point penalty. Using note cards is fine while presenting.
- On the date of your Class Presentations, submit your Class Presentation paper and present your work to your lab class during recitation. Turn in the "Class Presentation Reviewer Guide" (supplied by the instructor) before leaving lab.