

**Chem 130 Spring 2020 (Frechen)**  
**Week of March 30 to April 3**

Dear Students,

Welcome back! I hope you are all well! Here are my plans for the coming week for lecture, skills, and all lab classes. Once I see how things turn out this week, I will post a more long-term schedule,

Lectures:

I will post annotated lectures **on Canvas** (look under 'Files') shortly before the scheduled lecture times of MW 9:35 am. This is to encourage you to watch the lectures at these times, although you may view them later if your current schedule does not permit viewing at 9:35 am. However, I will be at my computer to monitor any emailed questions you have during the lecture times. This way, I will respond right away. If you email me later, my response might take longer. I will suspend lecture attendance points for the rest of the semester, unless there is some way to take attendance by monitoring your Canvas access.

There is the possibility of Zoom-ing live lectures, but I want to experiment with Zoom in the skills classes first.

Skills:

I will schedule live Zoom video conferences for each skills class, starting tomorrow, March 30. If you have never used Zoom before (I am a novice!), it is easy for you to join a conference by using a link I will provide you. Use your browser to go to the URL, and download Zoom if requested. I will start conferences promptly at the Skills class times, so don't try connecting sooner. You do not have to be in Canvas to join the conference; just use your browser. I will record the conferences for later viewing, so if you do not want to be recorded, I suggest joining the conference with your video and audio muted.

I don't want to use a password, so rather than putting the conference invitation in this public document, I will be emailing the URLs to you at your OCC student email address. Look for them in the morning. This week, you should plan to work on the Stoichiometry section. Additional material you need will be presented in Monday's lecture.

Since the conference is live, I can go over topics or answer questions in real-time. Zoom has a feature where I can switch screens to a 'whiteboard' and write on it. (I only figured out how to do this Friday!). There will be no Skills quizzes this week, but do expect them next week.

I will post the complete Skills workbook on Canvas under Files so you can get the remaining pages. By not moving to the next topic this week (since we did not fully cover Stoichiometry as scheduled), we might have to double up on topics in the weeks to come; more to follow. For now, follow the order of topics on the 'Table of Contents' on page 3 of the complete workbook. March 30 is Week 9, as it is on the Syllabus.

Please keep filling out your workbook! I would still like to collect them, if possible. If nothing else, I will assume you are keeping up as I prepare future test(s).

### Tests:

This is a challenging area, to administer tests without rampant cheating! I am even open to ideas! One faculty member plans to give very long tests that no student could finish in time, and then curve the scores. At a minimum, I want you to take Test 2 during the Wednesday lecture period the week after next week, on April 8. How it will work is TBD, but I would like you to take it during the regular lecture time. **If this is a problem for you, let me know ASAP, and not on April 7!!**

Test 3 is TBD, while I am planning a comprehensive, multiple-choice only test for the Final.

### Labs:

Labs will be done online (weird!) starting **this week** with the chemical reactions lab. The basic approach for this and the remaining labs will be that we provide you with an editable PDF version of the lab, enhanced with pictures and other aids, and you fill out the lab and upload it to Canvas for grading. We realize that typing in chemical and mathematical equations will be challenging (for example, no subscripts or superscripts in the PDF, so you would type in dichromate like this Cr2O7<sup>2-</sup>, not Cr<sub>2</sub>O<sub>7</sub><sup>2-</sup>). Another option is to print out the PDF, fill it in by hand, scan it to a file, and then upload the file to Canvas. This is not required, and will depend on your available resources and expertise.

I will be available to take questions by email during the lab period, and will take questions later but probably with a slower reply time. Please complete and upload your files by the end of the day of your lab, unless otherwise directed by your lab instructor. Uploads will be to the lecture shell, not the individual lab section shells in Canvas.

Here is the proposed lab schedule for the rest of the semester:

Week 09: Chemical Reactions

Week 10: No lab, material TBD

Week 11: Volumetric Solutions

Week 12: Models

Week 13: Titrations

Week 14: Gas Laws

Week 15: TBD

Week 16: No lab

### Grades:

I will post an updated grading scheme, and estimated current grades in one to two weeks. I urge you to keep an eye out for this in case you want to take advantage of the relaxed Withdrawal option you were emailed about.

I apologize not being able to give you 'cast in concrete' plans, but I really need to assess how well these changes are working after the first week. Thanks for your patience, and please email me with any questions or concerns.