

CH 221 CLASS PRESENTATIONS FAQ

FAQ = Frequently Asked Questions

When: November 19 (Tuesday), November 20 (Wednesday) or November 21 (Thursday)

What: A chance to share knowledge of the elements with your classmates and the MHCC community

Who: *Everyone* enrolled in CH 221 (All Sections)

What topic should I pick? For CH 221, the topic will be **elements**. Pick an element you find interesting and write a report on the topic. Since there are over 100 elements, every student must pick a different element. **Reserve** your element with Dr. Russell using the online form at <http://mhchem.org/cp221>

Once your element has been chosen, begin researching interesting information on the element using the library, internet, etc. You will be preparing a paper on the element and presenting your work to the class in a short (five minute) presentation.

If you need to change your class presentation topic after the fourth week of class for any reason you will be penalized 20 points; hence, it's best to reserve an element early and start researching promptly. Also, if you still have not reserved an element by the end of the sixth week, you will be penalized 20 points for tardiness.

What should I know when writing the paper? Prepare a paper that is at least **five full pages** of text on your reserved element. Diagrams, pictures, and other graphics are wonderful, but you will need five full pages of writing for complete credit.

The paper should include a separate **cover sheet** with the title of your presentation and your name. The paper must be neat, typed, referenced, and interesting to read; spelling and grammar will count. The paper must use a "**reasonable**" font and font size (Times New Roman, Arial, etc. with size 12 or less); in addition, use **1" margins or less** (*I will measure!*) and **no more than "one and a half" spaced type** (less than double spaced.) If unsure, ask the instructor.

The paper should also include a separate page at the end with a **list of references**. References within the paper and at the end should adhere to the "**Class Presentations Citation Guide**" (*found here: <http://mhchem.org/cg>*) For an *example* paper, see: <http://mhchem.org/expand>

What is a peer reviewed scientific article? An important aspect of this assignment is to ensure scientific relevancy. To this end, **find two peer reviewed scientific articles published within the last ten years** that include a reference to your element. **Include the abstracts of these papers with your final Class Presentation paper.**

How do I find my two peer reviewed scientific articles? A sure-fire way to access **peer-reviewed scientific articles** is through the MHCC library's article databases. Go here (<https://libguides.mhcc.edu/chemistryguide> - you may have to enter your MyMHCC username and password if you are off campus). Select **Articles** (on the left), then select **ScienceDirect College Edition** (under "Chemistry Databases") or **Academic Search Complete** (under "General Databases"), then search for your topic. **Remember**, your article citation should include the author(s), year of publication, journal title, title of paper, page number(s), volume of journal, etc. and you will need to include the abstract from the peer reviewed article (but not the entire article!) in your report.

Once you conduct a search for your presentation topic, you will likely have a mix of citation/abstract-only and citation/abstract + full-text (whole article) results. You **only** need the abstract for your paper - do not include the full article. Here is an **example** of a **peer-reviewed scientific paper with an abstract**: <http://mhchem.org/abstr>

Tell me about the Class Presentation Rough Draft Paper During the seventh week, you will be submitting a rough draft of your class presentation paper to the instructor. Ideally this will be the paper in a mostly complete format, but at the very least, two typed pages of text should be submitted.

The rough draft does not require a cover sheet or a separate list of references. However, you should have at least one peer reviewed scientific paper ready to submit with your rough draft. **Use the Rough Draft Class Presentation form** when submitting to avoid a five-point penalty (<http://mhchem.org/rd1>) The Class Presentation Rough Draft Paper is worth 20 points (out of the 100 points total.)

What should I know when preparing for the presentation? You will present a five-minute **presentation** on your chosen subject to the class and anyone who wishes to attend. The presentation must be well prepared and interesting; sloppy preparation shows in the presentation portion. Students can use videos, presentation software (PowerPoint, etc.), posters and chalk to enhance their presentation. Presentation software users will be limited to a maximum of six slides; more invokes a penalty.

Please note that using your paper (or a *copy* of your paper) during the presentation will result in a ten point penalty. This will prevent you from "reading" your presentation to the audience.

How will I be graded? There are 100 points total for this project. 40 points will reflect the work presented in the paper, 40 points will reflect the work done in the presentation and 20 points will be given for completing the Rough Draft Class Presentation paper.

In addition, failure to turn in the "Class Presentation Reviewer Guide" to the instructor at the end of the day of presentations will result in a ten-point penalty. You will be completing the Reviewer Guide while others are giving their presentations. If curious, you can view this guide on our website (<http://mhchem.org/cp221info>).

Late class presentation papers will result in a five-point penalty *per day*.

Plagiarism discovered from any source will result in a total Class Presentation grade of zero.

A sample **Class Presentation Grading Rubric** is available for viewing on the CH 221 website (<http://mhchem.org/cgr1>) The rubric will allow you to look at the items deemed most important when grading your Class Presentation.

Note that your **attendance** is required on the day of presentations, and if you are not present for at least 95% of your normally scheduled lab period, you will lose half of your assigned grade.

How do I get started? Step 1: *Reserve your Class Presentation Element*

Decide on some elements that interest you, then email the instructor or complete the online web form to reserve your element: **<http://mhchem.org/cp221>**

You should receive a response from Dr. Russell within 48 hours after the beginning of the second week of class; if you do not, email him directly at mike.russell@mhcc.edu. Be sure to include alternate elements in case your first choice has already been claimed; he can also pick one for you if you are uncertain which element to pick. Reserve your class presentation element by the end of the fourth week, **October 18 at 9 AM**. You can see which elements are still available here: **<http://mhchem.org/221av>**

Step 2: *Turn in the Class Presentation Rough Draft Paper*

The Class Presentation Rough Draft paper should include at least two typed pages and one peer reviewed scientific article using the handout (<http://mhchem.org/rd1>) at the beginning of your recitation period: **November 5 (Tuesday), November 6 (Wednesday) or November 7 (Thursday)**

Step 3: *Give the Class Presentation and turn in your final Class Presentation paper*

At the time of your Class Presentation, turn in your final Class Presentation paper (with copies of the abstracts of your two peer reviewed scientific papers on separate pieces of paper in proper citation format and give your class presentation during the following lab period: **November 19 (Tuesday), November 20 (Wednesday) or November 21 (Thursday)**.

Before you present and submit your paper, check out the reminders contained within the "**Class Presentation 'Last Minute' Checklist**", found here: <http://mhchem.org/cpcs> Note that you must both present your work and submit your paper to receive any points on this assignment. Finally, the MHCC Librarians keep a webpage devoted to chemistry... it might be worth viewing as a research tool, and it is found here: <http://mhchem.org/libchem>

If you have any questions, see this site (<http://mhchem.org/cp221info>) or contact the instructor.

Name: _____

CH 221 CLASS PRESENTATIONS ROUGH DRAFT PAPER

*Staple this form to the **top** of your Rough Draft Class Presentation Paper for full credit*

Lab Section:

Reserved Element:

Directions:

- This assignment is worth 20 points out of the 100 points assigned to the Class Presentation assignment.
- *Include* at least two typed pages of your Class Presentation report with this form (more is fine!)
- *Include* at least one abstract from a peer reviewed scientific article with a proper citation included (more is fine!)
- This page should be stapled to the **top** of the other pages in this assignment to avoid a five-point penalty

Helpful Resources:

- The CH 221 Class Presentation Frequently Asked Questions handout: <http://mhchem.org/faq1>
- The CH 221 Citation Guide: <http://mhchem.org/cg>

Class Presentation Rough Draft Paper Due Dates:

- *Section 01 (Tuesday):* **November 5 at 8:00 AM**
- *Section 02 (Tuesday):* **November 5 at 1:10 PM**
- *Section H1 (Wednesday):* **November 6 at 1:10 PM**
- *Section 03 (Thursday):* **November 7 at 8:00 AM**

The final Class Presentation paper will be due during Week 9 in Chemistry 221.