

# CH 221 CLASS PRESENTATIONS FAQ

FAQ = Frequently Asked Questions

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*When:* **Monday, November 25 (section 01) or Wednesday November 20 (sections H1 & W1)**

*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.

A **separate page with at least eight references** will be at the end of your paper. 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/expaper>

*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 with one peer reviewed abstract and citation should be submitted.

The rough draft should include at least one peer reviewed scientific paper abstract (with its citation) as well as the **Rough Draft Class Presentation form** (<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 be creating a five-minute **presentation** on your chosen subject. Sections 01 and H1 will give their presentation during a lab period to their peers; Section W1 will record themselves and upload the video to YouTube for the instructor to view. 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.

**Section W1:** I encourage students to record themselves on their phone, then upload the video to YouTube, etc. You can send the link (to an **unlisted** video, not private) to me for watching later. I need to see **you** for 90% or more of the presentation for full credit.

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>). *This applies to Sections 01 and H1 only.*

Late class presentations will result in a five-point penalty *per day*. The paper and the presentation must be completed for credit on this assignment. 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.

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*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](mailto: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 third week, **October 11 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 and include the handout (<http://mhchem.org/rd1>) at the beginning of your paper. Deadline: **Mon, Oct. 28 (01)** or **Wed., Oct. 30 (H1, W1)**

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

Section 01 and H1: Bring your final Class Presentation paper and give your presentation during lab. **Section 01: Monday, November 25. Section H1: Wednesday, November 20.**

**Section W1:** At the time of your Class Presentation, turn in your final Class Presentation paper and a video recording of your presentation (YouTube link, etc.) **by Wednesday, November 20 by 11:59 PM.**

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. All presentations over ten minutes in length and all papers with more than 10 pages of writing will suffer a point penalty.

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*

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**Lab Section:**

**Reserved Element:**

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*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:** **October 28 at 1:10 PM**
- **Section H1:** **October 30 at 1:10 PM**
- **Section W1:** **October 30 at 11:59 PM**

**Section 01:** *The final Class Presentation paper is due at the time of your presentation on Monday, November 25.*

**Section H1:** *The final Class Presentation paper is due at the time of your presentation on Wednesday, November 20.*

**Section W1:** *The final Class Presentation paper and recorded presentation will be due by 11:59 PM on Wednesday, November 20.*