

*FOCUS ON AIR POLLUTION***FOCUS Sophomore Colloquium 2014 – 2015****Meeting Time:** Tuesdays, 5 - 6 pm**Meeting Location:** Olin 103 unless otherwise noted**Instructor:** Deborah Gross**Contact Info:** x5629, dgross@carleton.edu**Office:** Mudd 172

This course is graded S/Cr/NC. To earn an S, you need to attend and participate in class, collaborate effectively with partners on the course activities, and successfully complete the course projects.

FALL 2014:

- Coordinate with the Middle School (Community Partner)
- Develop a measurement protocol.
- Carry out the fall term measurements.
- Identify topics for articles and groups of students working on each one:
 - Each student is part of two groups.
 - Groups are uneven size to accommodate student interest.
- Write outlines for articles, focusing on content and the following questions:
 - What do you think needs to be included?
 - Where will you get that information?
 - How will you best present it to your readers (graphs, figures, schemes, photographs, etc.)?
 - Where will you find the information you want to present? Include copies of it!
 - Who is the audience (at what level should you present this information)?
- Submit outlines at the end of the term.

WINTER 2015:

- Carry out the winter term measurements.
- Integrate any students who were off campus into article groups.
- Week 4: Come with figures and figure captions for ALL of the figures you intend to include in your article. Put them into a PowerPoint presentation, so that you can spend ~5 minutes per group showing the rest of the class the figures that illustrate the story you want to tell. This is a presentation you should prepare for, and everyone in the group should present at least one figure. Present the following information:
 - What the figure shows.
 - Where the figure fits into the story you are assembling.
 - Whether you think the figure is the best one for the job, or if there is something you would have preferred to make/find.
 - Include references/citations for ALL figures you don't make yourself.
- Week 6: Complete rough drafts due. Sent out for Peer Review and review by Deborah.
- Week 7: Peer reviews and Deborah's comments submitted to authors.
- Week 9: Final Draft due.

SPRING 2015:

- Carry out the spring term measurements.
- Weeks 2 – 5: Finish Articles integrating comments from Deborah.
- By week 5: Work up all data
 - Do all data except the final spring ones ASAP.
 - Then finish these once spring measurements are done.
- By week 5: Present data in writing, done in parallel with data workup.
- Weeks 6 – 8: Compile Journal online. LucidPress.
- Weeks 9 – 10: Finish analyzing data.
- Weeks 9 – 10: Finish compiling journal and carry out additional compilation-related tasks:
 - Table of Contents
 - Title and Title Page
 - Short Introduction
 - References
 - To learn more, look at these resources/websites/etc....
 - Photos/Videos
 - Glossary
 - Data/Project Introduction, with methods information
 - Data Summary/Discussion (TO BE DONE ONCE WE HAVE LOOKED AT/DISCUSSED DATA)
 - Copyright Info/Discussion with Librarian

FALL 2015

- Present findings: To the Middle School principal and teacher(s), the CCCE staff, and any others who might be interested.