

Chemistry 370.2 / Biology & Chemistry 375.2
Chemistry and Biochemistry Seminar
Spring 2008

Instructor: Professor Stephen Dunham
Office: 214 Collier Hall of Science, 610-861-7103
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Meetings: W 1:00-3:00, 200 Collier

Seminar: W as needed 4:00-5:00, 204 Collier

Office Hrs: by appointment

Course Goals:

- Integrate principles, theories, and methods learned in prior courses required for the major
- Prepare and present an in-depth literature study of a specialized topic within the field of Chemistry/Biochemistry
- Practice oral and written communication skills for the expectations of the professional and graduate work place

Attendance: This course requires your participation! The college policy on attendance can be found at <http://www.moravian.edu/studentLife/handbook/academic.htm>. If you anticipate an unavoidable absence, please notify me ASAP before you are absent.

This course requires four meetings outside of the designated time for the course to engage seminar speakers and participate in a campus wide event. If you cannot attend one or more of these meetings you will need to complete an alternative assignment for that event.

Academic Honesty: Please be familiar with the college policy on academic honesty (<http://www.moravian.edu/studentLife/handbook/academic2.htm>). Because this course involves small group learning activities, each student is encouraged to exchange and share information with classmates. However, any work submitted in your name is to be your work alone.

Grading: You are not in competition with anyone else in this class. Your grade will be determined only by the percentage of the total points you achieve. In the event that the class average on any graded activity falls below 75%, that score will be curved so that the class average is 75%.

Percentage Based Grading Scale

| | | | |
|--------|-----|-------|----|
| 97-100 | A ! | 73-76 | C |
| 93-96 | A | 70-72 | C- |
| 90-92 | A- | 67-69 | D+ |
| 87-89 | B+ | 63-66 | D |
| 83-86 | B | 60-62 | D- |
| 80-82 | B- | < 60 | F |
| 77-79 | C+ | | |

There are a total of 200 pts that will be factored into your final grade in this course. All points count the same amount.

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|---|---------------|
| 9-Assignments | 90 pts |
| 1- Demo Presentation and paper | 40 pts |
| <u>1-Seminar Presentation and paper</u> | <u>70 pts</u> |
| Total | 200 pts |

| Date | Anticipated Schedule |
|-------------|---|
| Jan 16 | Chemical Demo Overview Literature Review |
| Jan 23 | Final Selection of Demo and Practice Time |
| Jan 30 | Focus on the Nation/ Global Warming Demos 6:30-7:30pm |
| Feb 6 | Literature Search for Research Paper/Presentation |
| Feb 13 | Resume and Cover Letter Writing |
| Feb 20 | Discuss assigned paper |
| Feb 27 | Outside Speaker 4-5pm <i>Final Selection of Research Papers Due</i> |
| Mar 5 | SPRING BREAK |
| Mar 12 | Discuss assigned paper |
| Mar 19 | Outside Speaker 4-5pm |
| Mar 26 | Ethical Dilemmas in the Work Place |
| April 2 | Discuss assigned paper |
| April 9 | Outside Speaker 4-5pm |
| April 16 | Class Seminar on Specialized Topic TBA |
| April 24 | Class Seminar on Specialized Topic TBA |