

Chemistry 370.2 / Biology & Chemistry 375.2
Chemistry and Biochemistry Seminar
Spring 2014

Instructor: Professor Shari U. Dunham
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Meetings: W 1:00-3:00pm, 200 Collier
Seminar: W 4:15-5:15pm (see schedule below for specific dates)
Office Hrs: W noon-1:00pm or by appointment
BlackBoard: CHEM370.2_CHEM375.2 (check regularly for announcements & resources)

Course Goals:

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

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

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

Academic Honesty: Please be familiar with the college policy on academic honesty <http://www.moravian.edu/studentLife/handbook/academic/academic2.html> 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.

Learning Differences: Students who wish to request accommodations in this class for a disability should contact Ms. Elaine Mara, Assistant Director of Learning Services for Academic and Disability Support at 1307 Main Street (610-861-1510). Accommodations cannot be provided until authorization is received from the office of Learning Services.

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.

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+		

Student Assessment (tentative): There are *anticipated* to be a total of 1000 pts that will be factored into your final grade in this course. All points count the same amount.

10-Assignments	500 pts
1- Demo Presentation and handout	150 pts
1-Seminar Presentation and paper	250 pts
1-Oral Final Examination	100 pts
Total	1000 pts

- **Assignments:** Each weekly topic will have a writing and/or participation assignment along with a grading rubric (50 pts). Assignments are due at the next class meeting.
- **Demo Presentation and handout:** Working in small groups, students will present a chemical demonstration and write a 1-2 page handout that explains the chemical concept in the demonstration and provides a complete and safe procedure for the demo.
- **Seminar Presentation and Papers:** Each student will prepare a literature review seminar paper (5-7 pages) and a presentation (15 min) summarizing an approved journal article published in the last year.
- **Final Examination:** Assessment of some key chemistry/biochemistry concepts will be given in an Oral Examination format during the final exam week.

Date	Anticipated Topics
Jan 15	Survey, Course Expectations, Resume and Cover Letter Writing I
Jan 22	(Amy Saul, Career Services): Resume and Cover Letter Writing II
Jan 29	Chemical Demo Overview and Searching/Planning
Feb 5	Chemical Demo Practice Time
Feb 12	Chemical Demo Presentations
Feb 19	Special Topic Presentations Overview Resources
Feb 26	TBA
Mar 5	SPRING BREAK
Mar 12	Review Presentation Slides and Skills
Mar 19	Discuss paper/s from Prof. Valentine
Mar 26	Outside Speaker, <i>Prof. Ann Valentine, Temple University 4:15-5:15pm</i>
April 2	Discuss paper/s from Prof. York
April 9	Outside Speaker, <i>Prof. Darrin York, Rutgers University 4:15-5:15pm</i>
April 16	Student Presentations
April 23	Student Presentations
April 27- May 2	Final Examinations