Chemistry 370.2 / Biology & Chemistry 375.2
Chemistry and Biochemistry Seminar
Spring 2016

Instructor: Professor Shari U. Dunham
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Meetings: W 1:30-3:30pm, Collier HOSCI 200
Seminar: W 4:15-5:15pm (see schedule below for specific dates)
Office Hrs: W noon-1:00pm, others as posted on office door and to Bb, and 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 the Academic Support Center, located in the lower level of Monocacy Hall, or by calling 610-861-1401. Accommodations cannot be provided until authorization is received from the Academic Support Center.

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 500 pts that will be factored into your final grade in this course. All points count the same amount.

10-Assignments (~10x25)	250 pts
1- Demo Presentation and handout	100 pts
1-Seminar Presentation and paper	100 pts
1-Final Capstone Assessment	50 pts
Total	500 pts

- **Assignments:** Each weekly topic will have a writing and/or participation assignment along with a grading rubric (25 pts). Due dates will be announced no less than one week in advance and will often be at the next class meeting.
- **Demo Presentation and handout:** Each student 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.

Tentative Schedule

Date		Anticipated Topics	Anticipated Assignments Due
Jan	20	Course Overview &Expectations, Resumes & Cover Letters	
Jan	27	Linked-In, Special Topic Ideas/Planning	Resume&Cover Letter Drafts
Feb	3	Chemical Demo: Overview/Ideas/Planning Pires talk at Lehigh (optional)	Link-In account to SUD Pires talk feedback survey
Feb	**5**	***List of Demo Supplies & Demo Refs Due to SUD by 5pm FRIDAY***	
Feb	10	Chemical Demo Practice Time Pavenello talk at Lehigh (optional)	Final Resumes Due Pavanello feedback survey
Feb	17	Chemical Demo Presentations	Chemical Demo Write-up Due Complete Feedback Surveys
Feb	24	LVCCE 12-4pm Holiday Inn, Fogelsville (transport available!)	Special Topic Ideas Due
Mar	2	Individual meetings about final topics	Special topic approval deadline Friday
Mar	9	**SPRING BREAK** (Emmert talk at Lehigh, optional!)	
Mar	16	Class discussion about Professional Interviews Chemical Demo Wrap Up Final paper/presentation guidelines Paper reading guidelines & assignment	Complete Chemical Demo Reflection Sheet
Mar	23	Discuss Mittal paper/s Presentation Slide Overview	Mittal reading assignment Due by NOON
Mar	**29**	**Job & Internship Fair on Campus (11:30am-1:30pm, Johnston Hall)**	
Mar	30	Discuss Heyes paper/s Mittal talk at Lehigh (required)	Heyes reading assignment Due by NOON Complete Mittal talk feedback survey
April	6	Individual Meetings: Interview Assignment	Interview reflection sheet Due
April	13	Review Presentation Slides Heyes talk at Lehigh (required)	Final talk slide drafts Due Complete Heyes talk feedback survey
April	20	Student Special Topic Presentations	Complete Feedback Surveys
April	27	Student Special Topic Presentations	Complete Feedback Surveys
April	**29**	***Final paper on special topic is due by 5pm on last day of classes***	
May	4	Maurelli talk at Lehigh (optional)	Maurelli talk feedback survey
May	5	11:30am: Final Examinations (Oral)	