

CHEM 398
Syllabus

Undergraduate Seminar
Fall 2015

Course Description: This is an undergraduate level course that is intended to provide curriculum enrichment and opportunities to introduce new ideas into the modern Chemistry curriculum. It is a required course for all Chemistry majors, and is open to students in other majors. Topics include career guidance, ethics and diversity in chemistry, responsible conduct of research, discussions of research topics, chemistry in the news, the technical chemistry literature, student opportunities in chemistry, etc. Grading is S/F.

Credits: 1.0 hour

Time: Th, 12:10 – 1:00 PM in Fulmer 150.

Instructor: K. W. Hipps, Professor and Department Chair
Fulmer N116B, phone 5-3033, email hipps@wsu.edu

Core Text:

None required.

Grading/Student Evaluations:

Grades will be determined as follows:

30% Attendance

30% Classroom participation

40% Completion of course assignments

Course Policies:

- Assignments will be given throughout the semester, so those listed in this document should not be considered complete. It is your responsibility to know what assignments are given each week.
- Make sure you can access your WSU email! Assignments and class documents will be sent to you throughout the semester. I sent out a test message today. If you did not receive it, either fix your email connection or be sure I have a working email address.
- You can bring your lunch to class.
- Cell phones must be turned OFF during class.
- Students are expected to be respectful and attentive at all times. If you cannot meet this expectation on a given day, please don't come to class.
- A final percentage of 75% or greater is required to earn a grade of S.
- Course assignments are due by **12:10PM** on the due date. Course assignments that are turned in late will not be counted towards your grade.
- No more than two unexplained absences allowed.
- Three or more total absences results in 0% for course attendance.
- Classroom participation is self-explanatory, I hope. If you feel otherwise, please ask.
- ***THERE IS NO FINAL EXAM!!!!***

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Tentative Course Schedule

DATE	TOPIC	DETAILS
Aug. 27	Michael Finnegan	Introductions and Chem Club info. <i>Assignment: Choose partners and give me your pairing on the 17th.</i>
Sept. 3	Prof. Ken Nash	Jobs and Life at National Labs
Sept. 10	Dr. Shane Needham	Analytical Chemistry as a Small Business
Sept 17	Prof. Kirk Peterson	Computational Chemistry
Sept. 24	At Home	Complete "Responsible Conduct for Research On-line Training" before next class, and bring your printed Certificate to class next time https://myresearch.wsu.edu/AvailableTraining.aspx?action=viewsite&siteid=1000
Oct. 1	Ethics	Discuss the assignment: scientific ethics and responsible conduct of research.
Oct. 8	Resume I	Discussion of Scientific Resumes <i>ASSIGNMENT: Prepare your resume for next class</i> <i>http://www.acs.org/content/acs/en/careers/career-services/resume.html</i>
Oct. 15	Resume II	Share resumes. Bring printed on transparencies
Oct. 22	Brian Kraft	Brian Kraft , WSU Technology Licensing Associate <i>Intellectual Property in the University Context</i>
Oct 29	Ursula Mazur	Ursula Mazur -- <i>Developing a career at a research university</i>
Nov. 5	At Home	Work through the tutorials and then do a video recorded practice interview at: http://acs.interviewstream.com/home/
Nov. 12	In Class	Conduct interviews and critique
Nov 19	In Class	Conduct interviews and critique
Nov. 26	NA	Thanksgiving Vacation
Dec. 3	TBA	TBA