

Syllabus

Chem 1310 HP Fall 2015

Scientific data has a critical role in policy decisions ranging from health care to the environment. General chemistry provides the basic scientific background required for informed support or opposition to many proposed policies. This important application of chemistry knowledge is often ignored in an introductory course. In the Fall 2015, CHEM 1310 Honors Program course, we will focus on understanding fundamental chemical principles and then using this understanding to examine challenges and opportunities in the public domain.

Class Meetings

MWF 10:05 am – 11:05 am Clough Undergraduate Learning Center, CULC 129

TextBook: Chemistry for Engineering Students, Brown + Holme

Staff

Instructor: Joseph Perry

Office Hours: Mon 3:00 pm – 4:00 pm MoSE 209B

Thu 11:00 am – 12:00 pm MoSE 209B

Email: joe.perry@gatech.edu

Chemistry TA: Taylor Allen

Recitation: CULC 323 Tue HO5: 1:05 pm – 1:55 pm; H10: 2:05 pm – 3:55 pm

Lab: CULC 571 Tue HO5: 12:05 pm - 2:55 pm; H10: 3:05 pm – 5:55 pm

Office Hours: TBD

Email: tallen49@gatech.edu

Public Policy TA: Dorraine Duncan

Office Hours: TBD

Email: dduncan42@gatech.edu

Schedule

Homework will be assigned and due every Monday.

Exam 1 - Sept. 16 - Chapters 2-5

Exam 2 - Oct. 21 - Chapters 6-8

Exam 3 - Nov. 18 - Chapters 9-12

Final Project Guidelines Posted - Oct. 15

Final Project Proposal - Oct. 30

Final Project Due - Dec. 3

Grades

Course Grades

Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Project	15%
Homework	15%
Participation	5%
Laboratory*	20%

*Students earning <60% in lab will receive an automatic F in the course.

Grading Scale

A	Excellent	90-100%
B	Good	80-89.9%
C	Average	70-79.9%
D	Fair	60-69.9%
F	Failing	<60%

The instructor reserves the right to adjust this scale by moving the cutoffs in a way that benefits the students. This decision will be made at the end of the semester after all grades are calculated.