

CHEM 960 ENGINEERING CHEMISTRY 1

Fall 2017

Dr. Hannah R. Morris
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CHEM 960-1125	CRN 11655	MW 8:00-8:50	Benedum 229
CHEM 960-1050	CRN 11295	MW 9:00-9:50	Benedum 229
CHEM 960-1075	CRN 11347	MW 10:00-10:50	Benedum 229

AND Thursday 8:00-8:50 Chevron 152

Our course is on Course Web. Go there often for partial notes, quiz and exam solutions, etc.

Office Hours

Thursdays 9-11

The remainder will be posted on Courseweb shortly after term starts.

Recitations

In addition to the above lectures, you **must** attend one of these sections weekly. These sessions, led by a graduate student teaching assistant (TA), give you an opportunity to ask questions in a small group setting. A quiz will also be given most weeks – see the schedule at the end of this syllabus for the exact schedule.

You should always go to the recitation you are registered for. But, if for some reason you miss your recitation, go to another one during that week if possible. If your TA is not the TA for the makeup section, write your normal TA's name and section info on the top of the quiz. Email me if you have concerns about makeups.

NOTE: Making up a recitation should be an occasional occurrence for a small portion of the class. It should not be a regular occurrence for anyone.

Recitation Sections:

<u>Day/Time</u>	<u>Room</u>	<u>CRN</u>	<u>TA</u>
Tues 8:00-8:50	Chevron 132	11297	Arthur Davis
Tues 8:00-8:50	Eberly 228	11296	Shiv Upadhyay
Tues 9:00-9:50	Chevron 132	17604	Arthur Davis
Tues 9:00-9:50	Eberly 228	11298	James Ellis
Fri 8:00-8:50	Cheveron 132	11656	Arthur Davis
Fri 8:00-8:50	Eberly 206	11657	James Ellis
Fro 8:00-8:50	Allen 103	26700	Anthony Horner
Fri 9:00-9:50	Chevron 132	11294	Arthur Davis
Fri 9:00-9:50	Chevron 135	11293	Anthony Horner
Fri 10:00-10:50	Eberly 206	11348	James Ellis
Fri 10:00-10:50	Chevron 132	11292	Arthur Davis

Go to the section that you are registered for. BUT, if something happens that you cannot make your scheduled time, go to another section if possible.

Communication: It is essential that you let me know if you have problems in this course as it progresses. I cannot help you after the course is over. It is best for me to slow down if/when I know that there is a problem with a topic. PLEASE contact me (email or in class/after class or schedule an appointment) if/when there is a problem or lack of understanding/communication on a topic.

Books and Materials:

Chemistry: Atoms First by Burdge and Overby, 3rd edition

This textbook can be purchased from the bookstore, or from any other source of your choosing. You can also purchase an e-book at a lower cost at www.mheducation.com.

In addition, you will need to purchase an online homework account from www.saplinglearning.com for \$34.00 for the term in order to complete the online homework required for this course.

Grades

Exams:

- 3 exams, **100** points each
- a cumulative final exam, **200** points

Quizzes:

- 10 quizzes, 11 points each, given during the recitation sections on the previous week's material
- the lowest score will be dropped, resulting in a total of **100** points.

Homework:

Homework will be completed online at www.saplinglearning.com. Due dates will be listed at the site. Your total homework for the term will be worth **50** points.

In-class Assignment:

- 10 unannounced in-class problem sets, 3 points each, material taken from current chapter.
- the lowest score will be dropped, resulting in a total of **27** points.
- there are **no make-ups** for in-class assignments

Overall Grade:

Exams	300 pts
Final Exam	200 pts
Quizzes	100 pts
Homework	70 pts
In-class Assignment	27 pts
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Total	697 points

Grading

Student performance will be evaluated based on homework, in-class assignments, quizzes, and exams:

Your total points will be added up at the end of the term. The resulting scores will then be applied to a strict 97/93/90/87/83/80.....etc scale (A+, A, A-, B+, B, B- etc). Do not rely on a curve in this class. Often the curve is small. Any curve that does exist is at my discretion and will not be determined until the end of term.

Exam Regrade Policy

If you feel that your exam was not graded fairly, you may request a re-grade. To do so, you must submit your exam with your dispute, **in writing**, within a week of getting your exam back. Your dispute must explain which question you feel was incorrectly graded and an explanation of why you deserve more credit. Note: I reserve the right to re-grade the entire exam when it is handed in for a re-grade. Do not expect to request an exam regrade once the term has ended. Do not bring an exam to me long after the exam was taken.

WARNING: I will be copying a portion of the exams before handing them back to students. If you change your answers after you get your exams back and then submit them for a re-grade, you risk being caught in violation of the academic integrity guidelines. The consequences for this are severe.

Makeup Policy

THERE ARE NO MAKEUP EXAMS. If you have extreme circumstances, see me ASAP. If you suddenly have reason to miss an exam (extreme sickness, death, etc), you are responsible for contacting me as soon as humanly possible. If you know ahead of time that you cannot make an exam, talk to me as soon as possible to make other arrangements.

Note: Sleeping in **IS NOT** an acceptable reason for a makeup.

Academic Integrity

All of us are expected to follow the University of Pittsburgh's academic integrity guidelines. They can be obtained from the CAS Dean's Office or at www.fcas.pitt.edu, the undergraduate studies site. Violations of these guidelines can result in zero points for **an exam or failure for the course.**

Disabilities

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resourced and Services, 216 William Pitt Union, 412-648-7890 as early as possible in the term. DRS will verify your disability and determine reasonable accommodations for this course.

Additional Help

Your first source of help should be my office hours and your recitation instructor's office hours. In addition to this, the Academic Resource Center (ARC) will be offering tutoring in The Gardner Steel Conference Center. There is also free tutoring at Ashe Balcony in chemistry building (the schedule is posted in the undergraduate office). The EXCEL program also has tutoring for students in its program.

CHEM 960 SCHEDULE FALL 2017

Week	Dates	Mon	Wed	Thu	Quiz?
1	Aug 28, 30, 31	Welcome	Chap 2	Chap 2	No
2	Sept. 4, 6, 7	No class	Chap 3	Chap 3*	Yes
3	Sept. 11, 13, 14	Chap 3	Chap 3	Chap 3	Yes
4	Sept 18, 20, 21	Chap 4	Chap 4	Chap 4/5	Yes
5	Sept 25, 27, 28	Chap 5	Chap 5	Chap 5	Yes
6	Oct 2, 4, 5	Chap 6	Chap 6	Exam 1 Ch 2-5	No
7	Oct 10, 11, 12	On Tues: Chap 6	Chap 6	Chap 7	Yes
8	Oct 16, 18, 19	Chap 7	Chap 7	Chap 7	Yes
9	Oct 23, 25, 26	Chap 7/8	Chap 8	Chap 8/9*	Yes
10	Oct 30, Nov 1, 2	Chap 9	Chap 9	Exam 2 Ch 6-8	Yes
11	Nov 6, 8, 9	Chap 10	Chap 10	Chap 10	Yes
12	Nov 13, 15, 16	Chap 10	Chap 11	Chap 11	Yes
13	Nov 20, 22, 23	Chap 11	No Class	No Class	No
14	Nov 27, 29, 30	Chap 11	Chap 7/12	Exam 3 Ch 9-11	No
15	Dec 4, 6, 7	Chap 12	Chap 12	Chap 12	Yes
16	FINAL FRI DEC 15 8-9:50 AM ROOM TBA				

GENERAL INFORMATION

The above schedule is tentative and is subject to changes by the instructor which will be announced in class. However the exam schedule is fixed as these times correspond to the day when all 3 sections are combined into a single group.

* September 8th Add/Drop period ends and Oct 27th Monitored Withdrawal deadline