CHEM 101, General Descriptive Chemistry  
Fall 2008

SECTION 4, 3.0 CREDIT HOURS  
PROFESSOR GARY J. PIELAK  
MWF, 08:00-08:50AM, Carroll Hall, Room 111  
PREREQUISITE, MATH 110

It is an honor code violation to be enrolled in a class without the proper prerequisites.  

OFFICE HOURS/HELP SESSIONS: Resource Center, Kenan Labs, room C143: The center is open Monday – Thursday, 1 PM to 7 PM; I will hold office hours in the Center on Tuesdays and Fridays from 4:00 PM - 5:00 PM. I cannot return email or telephone messages about the class, the hour examinations, or the final examination.

HOMEWORK: Although assigned, homework is not turned in and does not count toward your final grade. A list of questions is given at the end of the syllabus. The answers are available for viewing in the Resource Center.

HOUR EXAMINATIONS ARE OPTIONAL. THERE ARE NO MAKE-UP EXAMINATIONS. NO EXAMINATION WILL BE GIVEN EARLY.  
CALCULATORS ARE NOT ALLOWED ON EXAMINATIONS

LECTURES & EXAMINATIONS:

1  Wed. Aug. 20  
2  Fri. Aug. 22  
3  Mon. Aug. 25  
4  Wed. Aug. 27  
5  Fri. Aug 29  
6  Mon. Sept. 1 Labor day, no class  
7  Wed. Sept. 3  
8  Fri. Sept. 5  
9  Mon. Sept. 8  
10  Wed. Sept. 10  
11  Fri. Sept. 12  
12  Mon. Sept. 15  
13  Wed. Sept. 17  
14  Fri. Sept. 19 First examination  
15  Mon. Sept. 22 Substitute lecturer  
16  Wed. Sept. 24  
17  Fri. Sept. 26  
18  Mon. Sept. 29  
19  Wed. Oct 1  
20  Fri. Oct 3  
21  Mon. Oct. 6  
22  Wed. Oct 8  
23  Fri. Oct 10  
24  Mon. Oct. 13 Last day to drop  
25  Wed. Oct. 15  
26  Fri. Oct. 17 Fall break, no class  
27  Mon. Oct. 20  
28  Wed. Oct 22  
29  Fri. Oct. 24 Second examination  
30  Mon. Oct. 27  
31  Wed. Oct. 29  
32  Fri. Oct. 31  
33  Mon. Nov. 3  
34  Wed. Nov. 5  
35  Fri. Nov. 7  
36  Mon. Nov. 10  
37  Wed. Nov. 12  
38  Fri. Nov. 14 Third examination  
39  Mon. Nov. 17  
40  Wed. Nov. 19  
41  Fri. Nov. 21  
42  Mon. Nov. 24  
43  Wed. Nov. 26 T-day break, no class  
44  Fri. Nov. 28 T-day break, no class  
45  Mon. Dec. 1  
46  Wed. Dec. 3 Last lecture  
47  Tue. Dec. 9 Comprehensive Final Examination 8:00-11:00 AM  
48  Carroll Hall, Room 111

July 22, 2008
EXAMINATIONS:
There are three hour-examinations plus a comprehensive final examination. **THE HOUR EXAMINATIONS ARE OPTIONAL.**
Each examination has a maximum of 100 points.
Questions are “fill in the blank”.
A non-erasable pen must be used to fill in the answer sheet.
**CALCULATORS ARE NOT ALLOWED ON EXAMINATIONS**
**THERE ARE NO MAKE-UP EXAMINATIONS.**
**NO EXAMINATION WILL BE GIVEN EARLY.**

GRADING:
If you take all three hour examinations:
The lowest examination grade is dropped and the
total for the semester = 0.25 x hour exam. + 0.25 x hour exam. + 0.50 x final exam,
or
total for the semester = 0.17 x hour exam. + 0.17 x hour exam. + 0.66 x final exam,
**whichever is higher**
If you take any two hour examinations the
total for the semester = 0.17 x hour exam. + 0.17 x hour exam. + 0.66 x final exam
If you take one hour examination the
total for the semester = 0.17 x hour exam. + 0.83 x final exam.
If you take zero hour examinations the
total for the semester = 1.00 x final exam.

**Determining your letter grade.**
A  >[average (av) + 1.83 x standard deviation (sd)]
A- >[av + (1.50 x sd)]
B+ >[av + (1.16 x sd)]
B  >[av + (0.83 x sd)]
B- >[av + (0.50 x sd)]
C+ >[av + (0.17 x sd)]
C  >[av - (0.17 x sd)]
C- >[av - (0.50 x sd)]
D  >[av - (1.50 x sd)]
F  <[av - (1.50 x sd)]

**N.B.:** Before graded examinations are returned, a number of them will be photocopied at random.
You may request re-grading of any examination, not just one question.
Grading mistakes in either direction are counted; your revised score may be higher or lower.

July 22, 2008
HINTS FOR DOING WELL
1. ATTEND CLASS.
2. DO NOT SKIP CLASS.
3. COME TO CLASS (a few minutes early).
4. Do the homework.
5. Keep your homework answers in a separate notebook.
6. Try solving the problems before looking at the answer.
7. Read the assigned material before coming to class.
8. Take notes in class and re-copy them into a special notebook.
9. If you need help, come to the resource center.
10. TURN OFF YOUR CELL PHONE

HINTS FOR EXAMINATIONS
1. Do the homework
2. Get at least six hours of sleep the night before.
3. Arrive a few minutes early.
4. Stop work when the instructor says that time is up.
5. Bring several pens to the examination (pencils are not allowed).
6. Read and follow the instructions.
7. Attempt the "easy" questions first.
8. Check your work.
9. Read, understand, and sign the pledge (grades are not recorded unless the pledge is signed).
10. When all else fails and you’re feeling low, remember that billions of people lead happy, healthy, and productive lives without knowing chemistry.

The chairman asks that the following be added to the syllabus of every chemistry course.
Policy adopted by the faculty of the Department of Chemistry on Sept. 9, 1977:
"Since all graded work (including homework to be collected quizzes, papers, mid-term examinations, final examinations, research proposals, laboratory results and reports etc.) may be used in the determination of academic progress, no collaboration on this work is permitted unless the instructor explicitly indicates that some specific degree of collaboration is allowed. This statement is not intended to discourage students form studying together or working together on assignments which are not to be collected."

During an examination, you may not look at another person’s exam; talk to anyone, either in person or by cell ‘phone or email, or use the Internet, or other text or notes. You are not permitted to see other students’ exam scores or graded exams without their permission. You are not to be present without their permission if they are discussing grades or exams with me.

July 22, 2008
HOMEWORK QUESTIONS

My answers to the homework problems are available in the Resource Center, Kenan Labs, room C143.

Chapter 1:  1.24, 1.28, 1.30, 1.32, 1.38, 1.42, 1.46, 1.48, 1.50, 1.52, 1.56, 1.59, 1.60, 1.72 1.77

Chapter 2:  2.8, 2.16, 2.20, 2.28, 2.30, 2.34, 2.40, 2.42, 2.56, 2.62, 2.66, 2.84, 2.93, 2.96

Chapter 3:  3.14, 3.18, 3.24, 3.36, 3.50, 3.52, 3.62, 3.66, 3.80, 3.90, 3.92, 3.102, 3.106

Chapter 4:  4.16, 4.18, 4.22, 4.26, 4.36, 4.40, 4.50, 4.56, 4.60, 4.64, 4.70, 4.74, 4.84, 4.91, 4.98, 4.102, 4.106, 4.114

Chapter 5:  5.14, 5.24, 5.26, 5.38, 5.62, 5.64, 5.76, 5.106, 5.114

Chapter 6:  6.16, 6.20, 6.26, 6.46, 6.48, 6.52, 6.64, 6.66, 6.72, 6.82, 6.90

Chapter 7:  7.10, 7.12, 7.24, 7.32, 7.42, 7.60, 7.76, 7.84, 7.94, 7.100

Chapter 8:  8.10, 8.12, 8.16, 8.20, 8.22, 8.34, 8.36, 8.38, 8.40, 8.48, 8.55, 8.64, 8.68, 8.74, 8.84, 8.94


July 22, 2008