CHM: 105 GENERAL CHEMISTRY I
COURSE INFORMATION
FALL 2007  SECTION 6W4

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Office Hours:  Mon/ Wed/ Fri:  7:30 – 8, 10 – 11, 12 – 1
                     Tue:  11 – 12:30
                     Thu:  11 – 12
                     or by appointment

A.  COURSE DESCRIPTION

Credit: 5 semester hours (3 lectures, 1 problem session, and one 2 hour lab/week)

Prerequisite: MTH: 140 or at least 1 1/2 years of high school algebra
AND either CHM: 101 or one year of high school chemistry or physics.

B.  MEETING TIMES AND LOCATIONS

   Lecture: MWF 11-11:50 (LH 101)
   Lab: Thursday 12-1:50 (SS 205)
   Problem Session: Thursday 2-2:50 (SW 208)

C.  STUDENT MATERIALS


Lab Manual: G. Krishnan and M. Hauser, Laboratory Experiments For General Chemistry 105, St. Louis Community College at Meramec. (Unbound)

Scientific calculator/Laboratory goggles (available in bookstore)

Supplements to the Course (optional)

D. STUDENT EVALUATION (final grade determined by point total)

Four One Hour Exams = 400 points
Cumulative Final Exam = 200 points
13 Lab Periods (12 pts each) = 156 points
Lab Final = 14 points
Problem Sess. (14@ 5 pts each) = 70 points
Quizzes* = 40 points
Non-Lab Writing Assignments = 64 points

Total: 944 points

* Each quiz is worth a maximum of 10 points. The best four of five quiz scores will be used to calculate total quiz points.

Assignment of Final Letter Grades:

A = 92-100%  A student who wishes to withdraw
B = 82-91.9%  from a course with a "W" must do so by
C = 72-81.9%  Friday, November 9, 2007. The instructor
D = 64-71.9%  cannot withdraw a student, nor can it be
F = Below 64%  performed on-line.

E. PROBLEM SESSION

Attendance at the Problem Session each week is critical to your success. At these sessions, your instructor will work the appropriate problems from the suggested homework list and answer any questions you may have about these problems or any other course material. You should examine the suggested Homework Problems list daily and work those problems that apply to completed lecture topics. To encourage this essential interaction, each Problem Session will be worth 5 points as follows:

Attendance = 3 points
Correct response to a written question or questions at end of session = 2 points

The "Problem Session Questions" (PS Quest) will be issued at the end of the Problem Session and will involve material that was just discussed in the session. In the event of an absence, each student will be allowed one (and only one) "free" 5 point score during a semester. Any other missed Problem Sessions will be calculated as 0 of 5 points possible.
F. ATTENDANCE / MAKE-UP POLICY

Attendance will be taken during the first two weeks to satisfy department policy. Although attendance in lecture is not mandatory, it will be difficult to be successful in this course if lecture is not attended regularly. In addition, the following make-up policies are in effect:

Exams: If an emergency arises and an exam must be missed, the instructor must be informed in advance. If not, a makeup exam may be given, but a 10% penalty will be assessed.

Quizzes/ Writing Assignments: No makeup quizzes will be given. Only the top four quiz scores will be counted toward quiz total points. Some quizzes may be unannounced. No makeup writing assignment will be allowed.

Labs: No makeup labs. Students must attend lab to receive credit. Credit for one missing lab may be earned provided there is a valid excuse AND student successfully completes a special assignment. It is the responsibility of the student to contact the instructor if they desire to earn this make-up credit. Labs are worth 12 points. There will also be a lab final worth 14 points.

Lab Reports: Completed lab/data sheets are due at the next lecture meeting after our lab day. Staple data pages and place them on your instructor's desk before Friday's lecture starts. Do not submit your data immediately after the lab. Grace period - you have up to the start of our next class meeting after the due date to submit a lab report without incurring a penalty. Therefore, the grace period expires at the start of Monday's lecture.

G. SYLLABUS

A tentative syllabus for the course will be distributed. The syllabus will link text chapters with the lecture schedule. Students should use this information to read the text material in advance of lectures. The syllabus will also list laboratory experiments, tentative exam dates, and other scheduling issues. Other information will be announced in class.

H. ACADEMIC HONESTY

It is fully expected that each student should do their own work on quizzes and exams. Strictly forbidden during testing is the use of the text, notes, or formula (except those provided by the instructor). Do not load formulas into your
calculator memory or use a cell phone as a calculator. Do not look at a classmate's work during testing. If cheating is suspected, the instructor will discuss the incident with the student(s) involved and the instructor reserves the right to grant a zero on that test. The instructor also has the right to give a failing COURSE grade if academic dishonesty is established.

I. SNOW SCHEDULE

Announcements will be made on KMOX-AM (1120) radio and KSDK-TV, KMOV-TV, and KTVI-TV/FOX 2. Meramec Weather Line is (314) 984-SNOW.
"Campus closed," indicates all classes canceled for the day.
"College on snow schedule" indicates the following:
• On Mon, Wed, Fri: college opens at 10 AM (DO ATTEND lecture)
• On Tue, Thu: college opens at 9:30 AM (DO ATTEND LAB)

J. MISCELLANEOUS

Monday, September 3: NO CLASS (Labor Day)
Tuesday, October 16: SCHOOL CLOSED (Service Day for Faculty)
Friday, November 9: Last Day to Withdraw
Thurs-Friday, November 22-23: NO CLASSES (Thanksgiving)
Friday, December 7: Last Lecture
Monday, December 10: FINAL EXAM; 11-12:50 (LH 101)

If you e-mail Professor Hauser, please include your name and section # in the "Subject Line" of the e-mail.

This section of General Chemistry I is designated as Writing Intensive. Although writing always serves a role in any chemistry course, this section includes several specific writing exercises. These will include the following:

• Writing of a short paper followed by a peer review of your work.
• Preparation of a laboratory "notebook" for an experiment.
• A two-page "Classroom Observation" paper describing a chemical demonstration performed by the instructor. This will involve a first and final draft.

The Access Office -- Disability Support Services -- has been designated by the College as the primary office to guide, counsel, and assist students with disabilities. If you receive services through the Access office and require accommodations for this class, please make an appointment with me as soon as possible to discuss your approved accommodation needs. Bring your "Instructor Notification Memo" provided by the Access Office to the appointment. I will hold information you share with me in strictest confidence unless you give me permission to do otherwise.

If you have not made contact with the Access Office and have reasonable accommodation needs (e.g., volunteer note taker, extended time for tests, seating arrangements), I will be happy to refer you. The Access Office will require appropriate documentation of disability. If you wish to receive accommodations in this class, you must register with the Access Office. Registration with the Access Office is voluntary for people with disabilities, but it is a requirement of receiving accommodations.