

Course Syllabus
Chemistry 138: General Chemistry I
CHM 138.02
Fall Semester 2007
Credit 3

Instructor: Mrs. Janet H. Bius

Textbook: Chemistry: The Central Science by Theodore L. Brown, H. Eugene LeMay, Jr. and Bruce E. Bursten, 10th edition

Location of Class: Room 121, Chemical and Forensic Sciences Bldg., SHSU Campus, Huntsville, Texas

Meeting Times: Monday, Wednesday, and Friday from 9:00 a.m. to 9:50 a.m.

Prerequisites

The math prerequisite for this course is a minimum grade of C in MTH 163, 170, 199 or 284, or a minimum Math score of 250 on THEA (or 21 ACT or 520 SAT).

Course Description

CHM 138 GENERAL CHEMISTRY I: LECTURE. [CHEM 1311] The following topics are studied: chemical changes and laws governing them; the gas laws; reactions involving oxygen, hydrogen, acids, bases, and salts; ionization; metathesis; the periodic classification, and the atomic structure. This course is for chemistry and other science majors.

Methods of instruction in CHM 138 include lecture and homework assignments. Unscheduled quizzes, on-line quizzes, and exams are used to indicate the level of understanding of the subject matter.

Objectives

Students successfully completing this course should be able to discuss and work computational problems associated with the following topics:

SI units	Solution stoichiometry	Enthalpy
Atomic structure	Periodic properties of elements	Molecular geometry
Chemical bonding	Aqueous reactions	

Course Requirements

Supplies

It is the student's responsibility to obtain course materials at the beginning of the semester. The textbook is required for this course. A TI 30 hand-held calculator is also required.

Exams

There will be four exams. The average of three of these exams will contribute 65% to your final grade. These exams are short answer and/or multiple-choice questions and computational problems. The number of points that each test question is worth will be stated on the examination, and your exam grade is based on the number of points you have earned.

The final exam is worth 20% of your final grade, and it is a comprehensive exam. The final exam is scheduled for Wednesday, December 12th at 8:00 a.m. You must take the final exam. If you do not take the final exam, a zero (0) will be assigned for your final exam grade. The final exam questions are similar to those found on the previous exams and will be graded in the same way.

Make-Up Exams

There are no make-up exams. You will be assigned a zero for the missed exam. You are allowed to drop one exam grade.

Homework

Homework assignments will be given in class and also posted on Blackboard. Your homework average will be 10% of your final grade. If a student is absent when the homework is collected, the assignment is due the next class period after the absence. Ten points will be deducted for each week the assignment is late. Homework assignments will be graded by the number of correct answers or as a completion grade. Some assignments will be completed using Blackboard. These assignments will have a posted due date and will not be accepted past this date.

Quizzes

There will be both unscheduled quizzes and on-line quizzes throughout the semester. Your quiz average will constitute 5% of your final grade. There are no make-up quizzes. Quizzes will be graded by the number of correct answers.

Dropping a Grade

You will be allowed to drop your lowest exam grade (one only!). You will be allowed to drop two of your lowest homework grades and one of your lowest quiz grades.

Extra-credit Assignments

There are no extra-credit assignments for this course.

Posting Grades

Your exam grades will be posted on Blackboard. Your final exam and homework grades will not be posted. It will be your responsibility to keep track of your homework average. Your final grade for this class will be posted on SamInfo.

Grades

Your grade will consist of:

Exam Average	65%
Final Exam	20%
Quiz	5%
Homework	10%

Final Grade

Your final grade will be based on your total points.

Average	Grade
90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

CHM 139

You must have a C or better in CHM 138 to take CHM 139.

Student Syllabus Guidelines

You may find online a more detailed description of the following policies. These guidelines will also provide you with a link to the specific university policy or procedure:

<http://www.shsu.edu/syllabus/>

Academic Dishonesty

Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. *See Student Syllabus Guidelines.*

Classroom Rules of Conduct

Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.

Student Absences on Religious Holy Days

Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. *See Student Syllabus Guidelines.*

Students with Disabilities Policy

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center. *See Student Syllabus Guidelines.*

Visitors in the Classroom

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Attendance

Regular and punctual class attendance is expected of each student at Sam Houston State University. The class roll will be checked each class period, and a written record of each student's attendance will be maintained. If a student is tardy to class, it is the student's responsibility at the end of that class period to inform the instructor that he/she was tardy so that the absence can be removed from the student's record. It is the responsibility of each student who misses class to obtain the class notes from someone who was present during the lecture presentation.

In accordance with University Policy, regular attendance is required, however no points will be awarded or subtracted based on your attendance. Excessive absences will affect your grade due to loss of instructional time.

Tardiness

Announcements and assignments are made at the beginning of class. It is very important for you to be punctual in your attendance. If you are late, do not disturb the class by your entrance. If you miss 30% of the class, you will be counted absent for that class period. A student who is **disruptive** when entering late will lose one point on their **final** grade for each incident.

Success in CHM 138

Chemistry is a fascinating subject, but like all scientific subjects, it has its own language and terminology. To be successful in this class you must read the assigned material, work all the assigned homework problems, and study chemistry everyday. Last minute cramming for a chemistry exam is not a successful method of passing a chemistry course.

I will post on Blackboard the schedule of the chemistry tutoring sessions. The tutors are chemistry majors, and they are there to help you if you need it. You are always welcome to come by my office if you have any questions.

Communication

Announcements will be made during regular class time, through email, and through postings made on Blackboard. It is your responsibility to check for these announcements.

Dates to Remember

August 20	MONDAY. Daytime on-campus classes begin. Late Registration , process class schedule changes. Refer to the Schedule of Classes for details and deadlines. Monday Night (MN) classes begin (on-campus and off-campus).
August 27	MONDAY. Last day to register and to process schedule changes.
September 3	MONDAY. Labor Day Holiday for students and faculty.
September 5	WEDNESDAY. Twelfth Class Day. Last day to drop without a "Q" and receive 100% refund.
October 10	WEDNESDAY. Half-semester courses end. Last day to drop Fall Semester courses without grade of F.
November 21, 22, 23	WEDNESDAY, THURSDAY, FRIDAY. Thanksgiving holidays for students and faculty.
December 6	THURSDAY. Last Class Day. Last day to resign.
December 7	FRIDAY. Study Day.
December 12	WEDNESDAY. Final exam. 8:00 a.m. to 10:00 a.m. in room 121 CFS

Test Dates

This is a tentative schedule that can be changed at the discretion of the instructor.

Test 1	09/12/07
Test 2	10/08/07
Test 3	11/07/07
Test 4	12/05/07
Final Exam	8:00 a.m. to 10:00 a.m. Wednesday, December 12th

Office Hours and Location

(Tentative)

Location: 317F, Chemical and Forensic Sciences Bldg.

Telephone: 936-294-1530

Email: chm_jhb@shsu.edu

Office Hours: Monday 3:00 p.m. to 4:00 p.m.

Monday, Wednesday 10:00 a.m. to 12:00 p.m.

Tuesday, Thursday 10:00 a.m. to 12:00 p.m.

Or by appointment



GO BEARKATS!