

GENERAL CHEMISTRY I
CHEM 121-011/012
TT 8:00 – 9:15 AM
Fall 2009
Dr. Potts

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Office Hours (tentative, subject to change): T/Th (9:30 – 11:30), W (1:00 – 3:00), outside of my office hours, please make an appointment to ensure that I will be available.

Catalog: This course surveys chemical principles involving structure, properties and reactions. This course fulfills a general education requirement in Category 3: Natural Sciences of the General Education requirements.

Prerequisites and Co-requisites: UTC Math Placement **Level 20**, **Math ACT of 24** or **Math 106** or equivalent. *You must drop this class if you have not met the Math prerequisite.* Chemistry 123 is a co-requisite for Chemistry 121.

Text (required): Chemistry: The Study of Matter and Its Changes, Brady & Senese, 5th ed., 2008.

Calculator (required): You will need a scientific calculator that performs exponential and logarithmic functions. Bring this calculator to **ALL** class meetings. I will **NOT** lend out calculators for exams and you cannot share calculators during exams. You may not use a phone or PDA as a calculator.

Supplemental Material (not required): Student Solutions Manual for Chemistry: Matter and Its Changes

Available On UTCOnline: (1) Lecture Notes (2) Homework Solutions (3) Old Sample Tests (4) Handouts and (5) Quizzes.

Quizzes: Quizzes will be taken online at <http://utconline.utc.edu>. No make-up quizzes will be given under any circumstances. I will drop the lowest quiz grade.

Homework: Problems are suggested for each chapter and posted online. It is recommended that you complete the homework as recommended. Before each test, you will have an opportunity to ask the professor about the problems.

Tests: There are four (75 minute) semester tests plus a final examination. One of the four semester tests will be dropped. No make-up tests will be given.

Class policies and procedures:

1. *Attendance:*

- a. Every non-test day that you are present and on-time (remember, class starts at 8 AM) for lecture after the first day will count as a bonus point. This will be assessed by signing in at the front of the room. However, leaving after signing in will cancel the point.
- b. **YOU** are responsible for all materials covered in class whether you are present or not. Experience has demonstrated that there is a strong correlation between your grade in the class and class attendance. If you come, please do not talk to fellow students or read/text during lecture; try to act interested.
- c. If you miss class, it is **YOUR** responsibility to learn the material presented

2. *Tests:* Tests will be graded and if possible they will be returned the following lecture period. No tests will be returned prior to the next lecture period. To receive full credit on tests, all work must be shown. **NO** credit will be given for correct numerical answers without any work shown.
3. *Missed tests:* Due to the drop test, **no make-up tests will be given.** If you will miss a test for a valid school activity (sports, music, club, etc...), you must take the test **BEFORE** you leave.
4. *Office hours:* Occasionally, office hours may change due to conflicts. All changes in office hours will be announced in class and online. After each test, office hours will be suspended for the rest of the day in order to grade exams.
5. *Cheating:* The Honor Code is in effect in all your efforts in the course. Cheating will not be tolerated. If you are caught cheating, a grade of “F” will automatically be given and you will be brought before the Honor Board. Please refer to the student handbook for more information.
6. *Grades:* There is no limit to the number of students securing a certain grade. Each student is competing only with himself or herself and not with every other student. Therefore, you can love your neighbor. If you are having trouble, be sure to obtain help. Don’t wait until the final week of the semester to get help.
7. **NO** pagers or cellular phones turned on during lectures. Additionally, you may not have any cell phones or pagers on your desk during tests.

Test Schedule (tentative, subject to change):

		<u>Covered Material</u>
Test 1	September 10	1, 2
Test 2	October 1	3, 4
Test 3	October 29	7, 8, 9
Test 4	November 19	10, 11, 22
Final	December 3, 8 – 10 a.m.	Cumulative

Grading Scheme:

Quizzes	50 pts
Tests	300 pts
<u>Final</u>	<u>100 pts</u>
Total: 450 pts	

Grading Scale will be no worse than:

A	405 – 450 pts
B	360 – 404 pts
C	315 – 359 pts
D	293 – 314 pts
F	292 pts or below (<u>Note: this is a 64.9%</u>)

Attention: If you are a student with a disability (e.g. physical, learning, psychiatric, vision hearing, etc.) and think you might need special assistance or a special accommodation in this class or any class, call the Office for Students with Disabilities at 425-4006 or go by the office in 110 Frist Hall. If you find that personal problems, career indecision, study and time management difficulties, etc. are adversely impacting your successful progress at UTC, please contact the Counseling and Career Planning Center at 425-4438 or stop by the office in room 338 of the University Center.

“The whole art of teaching is only the art of awakening the natural curiosity of young minds for the purpose of satisfying it afterwards.” --- Anatole France