



CHEM 101 GENERAL CHEMISTRY TUTORIAL I

COURSE SYLLABUS: Spring 2015

101-002: Tuesday 11:00 AM – 11:50 AM; EDS 135

101-004: Thursday 11:00 AM – 11:50 AM; EDS 135

Instructor: Dr. Tasneem Hossain-Kumar
Office Location: STC # 302
Office Hours: T/W 2:00 PM – 3:00 PM and by appointment
Office Phone: 903-886-5399
Office Fax: 903-468-6020
Email Address: Tasneem.hossain-kumar@tamuc.edu

COURSE INFORMATION

Text/ Manual and other required material:

Chemistry, an atoms-focused approach, by Thomas Gilbert, Rein Kirss, and Natalie Foster, (W.W. Norton and Co publisher) Hardcover ISBN: 978-0-393-91234-0 or Paperback: ISBN: 978-0-393-12419-4, or 3-hole punch version of the textbook: ISBN: 978-0-393- 12420-0 or e-book version (Nortonebooks.com).

Non-programmable Calculator (bring to class)

Course Description

The course will be cover and act as a support to understand the fundamental chemistry topics including atomic and molecular structure, chemical formulas, chemical reactions, chemical equations, thermochemistry, quantum theory, electron configurations, periodicity, chemical bonding, states of gases, states of matter and solutions.

COURSE REQUIREMENTS

Instructional Methods

Class Procedure: The intent of the course is for you to work in small groups to complete the lesson for that day. You will be required to work in groups of 3-4 students. Groups made of less than 3 students or more than 4 students will not be allowed. I may change the groups periodically. You are expected to work together as a team to answer the questions posed in the lesson. Thus, you are highly encouraged and expected to discuss, with your group members, the lesson and the answers to the questions posed. The instructor for the course is not present to answer the questions for you. Rather, the instructor is present to guide you in your learning efforts. This has proven to

be an effective way to learn Chemistry; we will be using methods similar to a National Science Foundation sponsored program called POGIL (Process Oriented Guided Inquiry Learning, www.pogil.org).

Activities Assessments

1. **Quiz:** Quizzes will be given throughout the semester. 50% of quiz grade will make up the 100 % of tutorial grade. **No make-up Quiz.** Lowest quiz grade will be dropped. Quizzes will be based on the problem sets given in the tutorial class to work in a group.
2. **Attendance and Class Participation:** Class attendance and class work is required to pass the course because it is 50% part of your final grade, so you should attend each class and participate in class work.

There will be absolutely no make-ups for missed class attendance. If you fail to sign the attendance sheet for a class period, you will be counted as absent even if you were in class that day; the sign-in sheet is the official record of your attendance in class.

Your attendance grade is not based on you simply showing up to class. To receive attendance for the class period you must meet the following requirements:

1. You cannot be more than 5 minutes late to class. Missing more than 5 minutes of class time will equate to a non-attendance for that day.
2. You must participate in the group work using the problem set provided in the class. Non-participation will equate to a non-attendance for that day.
3. Disorderly conduct will equate to a non-attendance for that day.
4. Your group must work diligently to complete the problem set for that day. If your group does not work diligently to complete the problem set you will receive a non-attendance for that day.

Class Attendance Policy:

All students are expected to attend class on a regular basis and attendance will be recorded. The Department of Chemistry adheres to the attendance policy set by the University as stated in the most current Undergraduate Catalog. Being late by more than 5 minutes is equivalent to missing a class period. Excessive absence is defined as missing more than 10% of the lectures without excusable reasons. Excessive absence will be reported to the Dean of the College and the Dean of Students. In addition, according to the TAMU-Commerce Procedure A13.02., good class attendance will be necessary in order to pass the course.

GRADING

Methods of Student Evaluation and Grading Scale: Quiz, class work (working on the problem sets) and attendance will evaluate Students. Quizzes (50%) and class work and attendance (50%)

will constitute the final grade. The grade is based on a weighted average. The grade scale will be A= (90.0 - 100%), B = (80.0 – 89.9 %), C = (70-79.9%), D = (60-69.9%), F = <59 %.

COMMUNICATION AND SUPPORT

Communication: If the faculty needs to contact an individual student, it will be via the student's e-mail account. Students should check e-mail frequently, especially after absence. E-mail is the best, easiest and fastest way to communicate with me.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment (See *Code of Student Conduct from Student Guide Handbook*). Students are required to turn off all cell phones, MP3 players, PDA's, Pagers, and any other electronic devices before entering the class. Students are expected to comply with the student code of conduct as stated Student's Guidebook, Policies and Procedures, Conduct. If the student's failed to comply with the code of conduct and being disrespectful, disruptive to the instructor or the students of the class, the instructor reserves the right to dismiss the student from the class on the first offense. A second offense may constitute dismissal from the course with a failing grade. A and M-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity expression will be maintained

Academic Integrity and Dishonesty Policy:

Academic cheating, plagiarism, and other forms of academic misconduct may result in removal of the student from class with a failing grade or may in extreme cases result in suspension or expulsion from the University as described in the Code of Student Conduct section of the Student's Guidebook A&M-Commerce Procedure 13.99.99.R0.10

Examples include but are not limited to: -

- Exchanging information during a test or quiz
- Looking at another student's paper during a test or quiz
- Bringing information in any forms into a test or quizzes other than personal knowledge. This includes written notes (crib sheets) and digitally stored information (formulas, constants, textual, etc.) on calculators, cell phones, pagers etc.
- Looking at a book or other unauthorized source during the test or quiz.
- Accessing information by any electronic means (cellular phone, pagers, personal stereos, etc.)

- Processing data or information in an unauthorized manner using a programmable calculator or computer. In other words, unless you have received authorization, you are not to use any computer program. This includes specialty computers or calculators in which the programming is built in to the computer; you are permitted to use simple calculators, which perform arithmetical, Logarithmic, and trigonometric functions.

Student Withdrawal: It is the student's responsibility to withdraw from class if so desired. However, the instructor reserves the right to administratively withdraw any student who is not actively fulfilling the objectives of the course before the final. **Last day to drop a 16-week class with a Q grade is October 30.**

Incomplete: An incomplete is given only when a student, for a valid reason, has been unable to complete course within the time allotted and has a current average $\geq 70\%$. This is not allowed except in documented illness.

University Specific Procedures

ADA Statement

Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

COURSE OUTLINE / CALENDAR

Week	Date	Wednesday
1	1/20-1/22	Syllabus
2	1/27-1/29	Chapter 1
3	2/3-2/5	Chapter 1 and 2
4	2/10-2/12	Chapter 2 and 3
5	2/17-2/19	Quiz-1; Chapter 3 and 4
6	2/24-2/26	Chapter 4
7	3/3-3/5	Chapter 4 and 5
8	3/10-3/12	Quiz-2; Chapter 5
9	3/17-3/19	Spring Break
10	3/24-3/26	Chapter 5 and chapter 6
11	3/31-4/2	Chapter 6
12	4/7-4/9	Quiz-3; Chapter 7
13	4/14-4/16	Chapter 7 and Chapter 8
14	4/21-4/23	Chapter 8 and Chapter 9
15	4/28-4/30	Chapter 9 and Chapter 10
16	5/5-5/7	Quiz-4; Chapter 10

Note: Instructor keeps the right to make any changes of the syllabus.