Course Name: CHEM 1305.W01
Instructor: Feri Billiot
Office Location: CS 130D
e-mail: fereshteh.billiot@tamucc.edu

Class meeting time and location: Online
Office Telephone: 361-8256067
Office hours: Tuesday- Thursday 8-9 am & 2-3 pm

Course Description/Prerequisites

Description: This fully online course is taught via the Web at a distance and is available at http://Bb9.tamucc.edu. The learners will have to provide PowerPoint, spreadsheets, word processing, and other software as needed to complete some requirements of this course.

Prerequisites: There are no prerequisites for this course

Learning Objectives or Expected Outcomes: A one-semester principles course for students in non-science related majors covering introductory chemistry. This course could also help prepare students majoring in science for general chemistry.

The overall objective of this course is for the student to master basic chemistry concepts such as:

- Atomic structure
- Periodic behavior of elements
- Chemical bonding
- Stoichiometric calculations

Instructional Methods and Activities

The following instructional methods and activities will be used: online lecture notes/videos, discussion board, group forums, wikis, blogs, and journals.

Required Readings

Online Homework: Connect

Course Schedule
Reading Assignments from the Textbook

- Week 1-Chapter 1, read 1.1 (matter and its Classification), 1.2 (Physical and Chemical Changes and Properties of Matter), 1.3 (Energy and Energy Changes)
- Week 2-Chapter 2, read 2.2 (Structure of the Atom), 2.3 (Ions), 2.4 (Atomic Mass), 2.5 (The Periodic Table)
- Week 3-Chapter 3, read 3.2 (Monoatomic and Polyatomic Ions), 3.3 (Formulas for Ionic
Compounds), 3.4 (Naming Ionic Compounds), 3.5 (Naming and Writing Formulas for Molecular Compounds), 3.6 (Acids and Bases), 3.7 (Predicting Properties and Naming Compounds)

Week 4 - Chapter 4, read 4.2 (Mole Quantities)
Week 5 - Chapter 5, read 5.1 (What is a Chemical Reaction), 5.2 (How Do We Know a Chemical Reaction Occur), 5.3 (Writing Chemical Equation)
Week 6 - Chapter 6, read 6.1 (The Meaning of a Balanced Chemical Equation), 6.2 ((Mole-Mole Conversion), 6.3 (Mass-Mass Conversion)
Week 7 - Chapter 8, read 8.1 (Types of Bonds), 8.2 ( Ionic Bonding), 8.3 (Covalent Bonding) - Note: we are skipping chapter 7
Week 8 - Chapter 9, read 9.1 (The behavior of Gases), 9.2 (Factors that Affect the Properties of Gases), 9.3 (The Ideal Gas Laws), 9.4 (Kinetic Molecular Theory of Gases)
Week 9 - Chapter 10, read 10.1 (Changes of State, 10.2 (Intermolecular Forces)
Week 10 - (Get ready for the final exam)

**Connect Homework:** When you start working on a chapter,
- first read the reading assignments,
- then look at the power point

After you feel comfortable with the material, start working on Learn Smart. This is fun homework to do and you can work on it until you get 100%. Then work on Homework. You do not have unlimited tries on homework, so do not answer it randomly. Finally, take the chapter quiz. Your Learn Smart is extra credit and can help you improve your overall class performance.

**Evaluation:**

Assignments/Quiz:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Quiz</th>
<th>Assignment</th>
<th>Learn Smart</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>10</td>
<td>10</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>2</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 6</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 7</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 8</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 9</td>
<td>10</td>
<td>10</td>
<td>Learn Smart</td>
<td>1</td>
</tr>
</tbody>
</table>
You need 150 out of 180 points to get 100% in this section. For example, you can miss Chapter 10 and still make 100% for assignment and quiz grades.

**Class Grade:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework and assignment</td>
<td>150</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150</td>
</tr>
<tr>
<td>Group Project</td>
<td>30</td>
</tr>
<tr>
<td><strong>Final Total Grade</strong></td>
<td>330</td>
</tr>
</tbody>
</table>

**Bonus Points**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learn Smart</td>
<td>45</td>
</tr>
<tr>
<td>Syllabus Quiz</td>
<td>5</td>
</tr>
<tr>
<td>Introduction discussion</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total Bonus Points</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

**Learn Smart Grade** is extra points that will be added to your “Final Total Grade”. You can accumulate up to 45 extra points by completing all the Learn Smarts assignments. If you complete your learn smart but you miss five homework assignments, you will still get 100% in class. I highly encourage you to take advantage of this extra points because it is not difficult to make 100% in learn smart. You just need to read your material and retake it.

**Introduction Discussion:** Before you start the course, you introduced yourself to your classmate and get 5 extra points that is added to your final grade

**Syllabus Quiz:** This is the 10 question syllabus quiz that you took before you start the course. If you got 5 in that quiz, you got 5 extra points added to your “Final Total Grade” (of course if you got 4,

**Grade scale:**

- A = 90-100%
- B = 80-90%
- C = 70-80%
- D = 60-70%
- F = 0-60%

**Schedule/due dates**
**Time Requirements**

Regular 3-credit hour courses require approximately 3 hours of class time per week plus 9 hours of study time. Therefore, expect to spend a minimum of 12 hours each week for 15 weeks on this class. Because this is an online course, you may have to spend even more time than 12 hours some weeks.

**Late Work**

Assignments are due on the dates indicated in the syllabus and schedule. Due dates are particularly important when someone else is relying on your contributions. Late work will be penalized according to the following schedule:

<table>
<thead>
<tr>
<th>Days Late</th>
<th>Deduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10%</td>
</tr>
<tr>
<td>2</td>
<td>15%</td>
</tr>
<tr>
<td>3-6</td>
<td>25%</td>
</tr>
<tr>
<td>7-13</td>
<td>35%</td>
</tr>
<tr>
<td>14 or more</td>
<td>50%</td>
</tr>
</tbody>
</table>

Grades of "INCOMPLETE" will be given only for certifiable medical reasons or in other extraordinary circumstances. Requests for incompletes must be made in writing and must include:
• Documentation
• Advanced notice
• Date that coursework will be submitted
If the coursework is not submitted by that date, the Incomplete will become permanent.

**Grade Appeals**
As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Rule13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures.

These documents are accessible through the University Rules Web site at http://www.tamucc.edu/provost/university_rules/index.html.

For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.

Copyright / Plagiarism

The handouts used in this course are copyrighted. By "handouts," I mean all materials generated for this class, which include but are not limited to self-assessments, exams, lab problems, Course Content materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy them, unless I expressly grant permission. As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writings, etc., that belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which ideas and research cannot be safely communicated. If you have any questions regarding plagiarism, please consult the university rules at the above website.

Academic Integrity with Course Products and Evaluations

The guiding principle of academic integrity is that a student's submitted work must be his/her own. Since the course objectives focus on the processes of developing course related materials, as well as the materials themselves, it is expected that all course products will consist of work done specifically for this course. Products completed for previous or concurrent course credit cannot be used for assignments for this course. If you wish to continue a theme or content area used in another course, inform the instructor and supply any requested existing materials at the start of this course. Any intended projects relating to other courses should be approved at the start by all instructors and should reflect unique elements and sufficient development effort for all courses involved.

Shared work is intended to allow students to learn from each other in projects. Any problems in working together should be brought to the attention of the instructor immediately so that solutions may be enacted to ensure that all members benefit from the experience.
Related Issues

Online courses require time management and planning on your part. You cannot afford to get behind since many topics and assignments are based on the skills and products of previous assignments; there is no meaningful way to "cram." Contact me if you are having any problems with assignments.

There is a reliance on technologies in this course that impacts the need to have assignments done on time. Having ample time to complete an assignment will be the responsibility of the student. It is also the student's responsibility to find solutions to technical problems with sufficient time to complete the required tasks. Do not wait until a due date is near to discover/report lack of access to software, inability to connect to a network, etc. While the instructor will help wherever possible, it is the students' responsibility to maintain his or her network. However, technical problems can originate on the TAMU-CC campus, in which case you will not be responsible to complete work that you can not complete due to TAMU-CC network or software problems. You are responsible for contacting me as soon as you detect a problem so that we can arrange a way for you to meet the course objectives.

Disabilities Accommodations

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 believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Driftwood 101.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

Syllabus Disclaimer

This syllabus has been created as a guide to the class and is as accurate as possible. However, all information is subject to change. Any changes will be posted on the Blackboard Learning System’s Announcements.

Technical Support and Requirements

Blackboard Learning System Help: http://iol.tamucc.edu
“Help” At the bottom of the Blackboard Course Management Control Panel in the course menu on the left hand column of the course interface. Phone: Help Desk (361) 825-2825

Island Online Student Resources Webpage:
https://distance-education.tamucc.edu/student_resources.html
Getting Technical Help
If you are having difficulties accessing course materials from your home computer, first let your
instructor know, then contact the IOL Helpdesk at (361)825-2692 or submit a request via email
to iol.support@tamucc.edu

Technology Requirements
To prepare your computer for using Blackboard 9.1, go to https://iol.tamucc.edu/techreq.php for
computer requirements.

- To view .pdf files you will need the Adobe Reader. Download it at: http://get.adobe.com/reader/
- To view flash (.flv) files from sites such as You Tube, download the Flash player at http://get.adobe.com/flashplayer/

Navigating Blackboard 9.1
Once you are in the course, read the “Announcements” on the home page. Check this each time
you enter your course. You will see a Course Menu on the left of the page. The menu is a list of
links that connect to materials and tools associated with the course. Blackboard has several
features and tools for communicating content delivery that you should use almost daily. Links to
information about how to use these tools include: Bb Help, which contains a complete guide to
learning how to use the many tools and features in Blackboard, and Bb Video Tutorials, which
links to a page with videos to show you how to do tasks such as submitting an assignment.

Library resources (including print, electronic, and human) can be accessed through the Mary
and Jeff Bell Library website that supports electronic searches of articles, books, journals, course
reserves, and databases. It includes information such as Ask a Librarian, research tools, remote
access information and tutorials, information about plagiarism and copyright, and interlibrary
loan (http://rattler.tamucc.edu/distlearn/). The library is a member of TexShare which provides
you with a card that allows you to checkout materials from libraries across Texas. Librarians’
contact information is also on the website and you are encouraged to contact librarians for
assistance.

In the event of a campus evacuation I will make every effort to continue teaching your course.
Should such an event occur, I will continue to interact with you by using the Blackboard
Announcement, Messages, Collaboration, Discussions, Blogs, Journals, and/or Wikis tools.
If you have access to the Internet, you will be able to continue your coursework by posting
assignments and interacting with me as well as each other online. You will also be able see your
grades on assignments, quizzes, and tests using the My Grades tool.

Online Course Guidelines
Students will practice respect and responsibility as a part of this learning community. Here are
some things you can do to exhibit an attitude of respect and responsibility:

- Post assignments on time. Early is even better.
- Work extra hard to get to know other classmates.
• Reach out through email Blackboard Messages, Discussions, and Wikis to support each other. If you have good info/tips on what is working for you/resource ideas, please share with the group so we can help each other out.
• Respect other classmates by watching what you say.
• Add your opinions to/participate in the discussions.
• Check the assignments every week. Don’t wait until the last minute.
• Be helpful to other students
• Don't get behind. If you get behind in an online course it is harder to get back on track than it is in a traditional course.
• Stay focused and stay connected.
• Keep up with your assignments and your grades. It is not the teacher's responsibility to tell you what you have or haven't turned in. Your grades will be available in Blackboard so all you have to do is regularly check to make sure you have grades posted for all work.
• In general terms, students are expected to "demonstrate a high level of maturity, self-direction and ability to manage their own affairs" and to "conduct themselves in accordance with the highest standards of academic honesty." Instances of plagiarism will be handled in accordance with Texas A&M University-Corpus Christi General Academic Policies and Regulations as listed in the current catalog.

**Delivery of instructor feedback** – During the week (exclude weekends), Instructor response to online requests usually occurs within a 24-hour period, but you can expect a response within 3 days.

**Student login expectations** - Students are required to login often – once every three days at a minimum. It is recommended that students check daily for announcements and updates.

**Faculty availability to support students** - I maintain a consistent web presence and am available to meet online in the Blackboard asynchronous or synchronous environment or via phone.