CHEMISTRY 1410 – General Chemistry I
Spring 2018

COURSE INFORMATION
CHEM 1410-002 and CHEM 1410-221 (Recitation)
Lecture: TuTh, 11:00 am to 12:20 pm, GAB 105
Recitation: Thursday, 3:30 pm to 4:20 pm, GAB 105

INSTRUCTOR INFORMATION
Dr. Rebecca Weber
E-mail: rebecca.weber@unt.edu
Phone: 940-369-8433
Office: CHEM 261
Office Hours: M-F, 10:00 am to 10:50 am
If you need to meet with me outside of normal office hours, please make an appointment.

REQUIRED TEXT
Chemistry: Structure and Properties, 2nd Ed. Nivaldo J. Tro. You will also be using Mastering Chemistry, the online homework system from Pearson.

Prerequisites: MATH 1100. You must also be enrolled in the recitation section accompanying this course. It is recommended that you also be enrolled in CHEM 1430 lab.

COURSE MATERIAL

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<th>Chapter</th>
<th>Title</th>
<th>Approx. Start Date (Week of)</th>
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<td>The Quantum-Mechanical Model of the Atom</td>
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<td>3</td>
<td>Periodic Properties of the Elements</td>
<td>1/30</td>
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<td>4</td>
<td>Molecules and Compounds</td>
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<td>5</td>
<td>Chemical Bonding I</td>
<td>2/20</td>
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<td>6</td>
<td>Chemical Bonding II</td>
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<td>7</td>
<td>Chemical Reactions and Chemical Quantities</td>
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<td>8</td>
<td>Introduction to Solutions and Aqueous Reactions</td>
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<td>Models of Chemical Bonding</td>
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<td>10</td>
<td>Thermochemistry</td>
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<td>11</td>
<td>Gases</td>
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<tr>
<td>12</td>
<td>Liquids, Solids, and Intermolecular Forces</td>
<td>4/24</td>
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March 12-16, 2018 – Spring Break
May 3, 2018 – Last day of class
Check http://calendar.unt.edu/event-calendar/Academics for other important dates!
HOMEWORK AND RECITATION

Homework will be assigned through Mastering. The homework will consist of two portions: a reading assignment that is intended to be completed before we reach the material in class (as best we can), and homework problems for practice. Homework is graded on accuracy, but multiple attempts on each problem are allowed. Practicing these problems is essential to help ensure your understanding of the topics presented in class. The grades from the individual homework assignments will be averaged together and will account for 15% of your final grade.

It is best to bring problems with course material to the recitation hour, office hours, or to the Chemistry Resource Center (CRC), located at CHEM 231. If help is needed, make sure that you bring the problem in question, all materials such as lecture notes and the textbook, and what you have attempted already.

Attendance at the recitation hour is required! 10% of your final grade will come from a combination of participation and assignments or quizzes during recitation.

EXAM DATES AND COURSE GRADES

100.0% - 90.0% possible points – A  
89.9% - 80.0% possible points – B  
79.9% - 70.0% possible points – C  
69.9% - 60.0% possible points – D  
59.9% - 0.0% possible points – F

There may be extra credit offered throughout the semester, at the discretion of the instructor. Extra credit will not be offered after May 3rd, so do not ask!

There will be **FOUR** one hour exams that are comprised of 20 multiple choice questions. Each exam will have 100 points possible. Your average will be calculated after dropping the lowest hourly exam grade. If a student receives a “0” because of cheating, that grade cannot be used as the dropped grade.

| Exam 1 (100 points) – February 6th |
| Exam 2 (100 points) – March 8th     |
| Exam 3 (100 points) – April 5th     |
| Exam 4 (100 points) – April 26th    |
| Final Exam (200 points) – Tuesday, May 8th, 10:30 am to 12:30 pm |

PLAN ACCORDINGLY FOR THE TEST DATES!
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If classes are cancelled by the university on the day of a scheduled exam, then the test is automatically scheduled for the next class lecture period.

All exams must be taken at the regularly scheduled times. Exams cannot be taken outside the scheduled time. There will not be any makeup exams. A missed exam will count as your dropped test (unless there is a well-documented serious illness, requiring hospitalization).

You are expected to bring the following items to each exam: a writing utensil (preferably a pencil with a good eraser) and a scientific calculator. Cell phones, tablets, laptop computers, or other electronic devices will NOT be allowed! Scratch paper will be provided.

If you must leave the room at any time during an exam, you must turn in your exam to the instructor before leaving and will not be allowed to continue with the exam afterwards. If you arrive late to the exam and a worked exam has already been turned in, you will not be allowed to take the exam. This includes the final exam!

I reserve the right to change or modify the syllabus at any time. If changes are made, students will be notified during scheduled class times and the revised syllabus will be made available on Blackboard.

ATTENDANCE AND CLASSROOM BEHAVIOR

Attendance is required at both the lecture and recitation hours. Please be sure to sign one of the attendance sheets at each class/recitation.

Lectures will begin and end as noted at the beginning of the syllabus, so if you are late to class or anticipate having to leave early, please sit as close to the door as possible to minimize the disruption to the rest of the class.

Disruptive behavior such as talking, giggling, snoring, talking on a cell phone, playing on the Internet or texting, etc, will not be tolerated. Cell phones need to be muted during class. A student engaged in disruptive behavior can be asked to leave class immediately and can be suspended from class for a period of up to a week for the first offense, and longer if the behavior persists.

OTHER NOTES

By university regulations, a grade of “I” (Incomplete) cannot be given as a substitute for a failing grade in a course. It is up to you to be aware of class withdrawal deadlines if you should choose to drop this course, as I will not do it for you.

CHEM 1430 is the laboratory course and a separate course from CHEM 1410. Students will receive separate grades for the two courses. Dropping either course does NOT automatically drop you from the other course. (For lab classes, be aware that you should be registered for both a lab lecture course (CHEM 1430.00x) and a lab (CHEM 1430.3xx).
Regarding dissemination of information, I exclusively use Canvas to email the entire class with reminders of deadlines, changes to classroom policies, etc. In addition, I post the lecture notes and grades on Canvas. Please make it a habit to check Canvas (and your email) at least twice a week.

I will not respond to email received from non-UNT email address, especially concerning grade information. With a personal email address, I cannot be certain that it is you on the other end. As such, please use your official UNT email address to email me. But I welcome emails at any time!

ACADEMIC DISHONESTY

Students caught cheating or plagiarizing will receive a "0" for that particular assignment or exam. Additionally, the incident will be reported to the Dean of Students, who may impose further penalty. According to the UNT catalog, the term "cheating" includes, but is not limited to: a. use of any unauthorized assistance in taking quizzes, tests, or examinations; b. dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; c. the acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university; d. dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or e. any other act designed to give a student an unfair advantage. The term "plagiarism" includes, but is not limited to: a. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; and b. the knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

ACCEPTABLE STUDENT BEHAVIOR

Student behavior that interferes with an instructor’s ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at http://deanofstudents.unt.edu.

ADA STATEMENT

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For
additional information see the Office of Disability Accommodation website at http://disability.unt.edu. You may also contact them by phone at (940) 565-4323.

EMERGENCY NOTIFICATION & PROCEDURES

UNT uses a system called Eagle Alert to quickly notify you with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). The system sends voice messages (and text messages upon permission) to the phones of all active faculty staff, and students. Please make certain to update your phone numbers at http://www.my.unt.edu. Some helpful emergency preparedness actions include: 1) know the evacuation routes and severe weather shelter areas in the buildings where your classes are held, 2) determine how you will contact family and friends if phones are temporarily unavailable, and 3) identify where you will go if you need to evacuate the Denton area suddenly. In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

RETENTION OF STUDENT RECORDS

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Blackboard online system, including grading information and comments, is also stored in a safe electronic environment for one year. You have a right to view your individual record; however, information about your records will not be divulged to other individuals without the proper written consent. You are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the university’s policy in accordance with those mandates at the following link: http://essc.unt.edu/registrar/ferpa.html

STUDENT EVALUATION OF TEACHING (SETE)

Student feedback is important and an essential part of participation in this course. The Student Evaluation of Teaching (SETE) is a requirement for all organized classes at UNT. This short survey will be made available at the end of the semester to provide you with an opportunity to evaluate how this course is taught.

SUCCEED AT UNT

UNT endeavors to offer you a high-quality education and to provide a supportive environment to help you learn and grown. And, as a faculty member, I am committed to helping you be successful as a student. Here’s how to succeed at UNT: Show up. Find Support. Get advised. Be prepared. Get involved. Stay focused. To learn more about campus resources and information on how you can achieve success, go to http://success.unt.edu/