

# CHEMISTRY 3520 – Physical Chemistry II

## Summer II 2015

### COURSE INFORMATION

CHEM 3520-001 and CHEM 3520-211 (Recitation)

Lecture: Monday – Thursday, 10:00 am to 11:50 am

Recitation: Monday, 1:00 pm to 1:50 pm

Room: CHEM 253

### INSTRUCTOR INFORMATION

Rebecca Weber

E-mail: [rebeccaweber@my.unt.edu](mailto:rebeccaweber@my.unt.edu)

Office: CHEM 264

Office Hours: Monday – Thursday, 9:00 am to 9:50 am

If you need to meet with me outside of normal office hours, please make an appointment.

### REQUIRED TEXT

*Physical Chemistry*, 9<sup>th</sup> Ed. Peter Atkins, Julio de Paula, 2010. The accompanying solution manual for students is highly recommended.

*Prerequisites:* CHEM 1420, CHEM 1422 or CHEM 1423, CHEM 3510; MATH 1720; PHYS 1420 or PHYS 2220. This course requires a passing grade in two semesters of calculus.

### EXAM DATES AND GRADING POLICY

Exam 1 (100 points) – July 20<sup>th</sup>

Exam 2 (100 points) – July 27<sup>th</sup>

Exam 3 (100 points) – August 3<sup>rd</sup>

Exam 4 (100 points) – August 10<sup>th</sup>

Final Exam (200 points) – August 14<sup>th</sup>

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.

Show your work, include units when necessary, and box your final answer in order to get full credit for any free response questions!

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.

Grading will be out of a total of 500 points. The lowest exam grade will be dropped (provided you have taken all of exams!). Homework will be “assigned” but not collected, to help ensure your understanding of the topics presented in class. 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.

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

**EXTRA CREDIT WILL NOT BE OFFERED!**

**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.

#### **LEGAL NOTICE REGARDING NOTES**

My lectures and notes are protected by state common law and federal copyright law. You are authorized to take notes in class thereby creating a derivative work from my lecture, but the authorization extends only to making one set of notes for your own personal use and no other use. You are not authorized to record my lectures, to provide your notes to anyone else (hard copy or electronically), or to make any other use of them without express prior permission from me in writing.

#### **ATTENDANCE**

Summer courses move very swiftly, given the limited amount of time to cover a substantial amount of material. Therefore, it is *strongly* recommended that you attend every lecture class and recitation offered. An attendance sheet will be passed around at the beginning of each lecture.

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.

Makeup exams will NOT be offered, as the lowest exam grade will be dropped.

**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/>