Section numbers and Synonyms:
21802 (018) Lecture (Rm 314) MW 9:10 – 10:25 AM
21812 (028) Lecture (Rm 320) TTH 12:00 – 1:15 PM

Instructor: Margaret Reid, Ph.D.
Office Number: RGC 314.1
Phone Number: 223-3313
e-mail address: mreid@austincc.edu
Office Hours: MW 8:30 – 9:00 AM; TTH 1:30 – 2:00 PM

COURSE DESCRIPTION
Covers the fundamental facts, laws, principles, theories, and concepts of chemistry necessary for further work in science or science-related subjects. Stresses atomic structure, periodic properties of matter, chemical bonding, and molecular geometry of organic and inorganic molecules, states of matter, stoichiometry, and properties of solutions. Prerequisites: One year of high school chemistry or CHEM 1305 and CHEM 1105; two years of high school algebra or MATD 0390.

REQUIRED TEXTS/MATERIALS
Lecture: "General Chemistry", 8th ed., Whitten, Davis, Peck and Stanley

CALCULATOR
You will need a scientific calculator for lecture and lab activities. Programmable calculators will not be allowed during exams.

INSTRUCTIONAL METHODOLOGY
This course consists of a lecture section only.

COURSE RATIONALE
This course covers the fundamental facts, laws, principles, theories and concepts of chemistry necessary for further work in science or science-related subjects.

COMMON COURSE OBJECTIVES
These can be found at: http://www2.austincc.edu/chem/curriculum/index.htm

COURSE EVALUATION/GRADING
Detailed grading:
5 exams 450 points
Class Activities (quizzes) 50 points
Optional Final (90 points) weighted the same as a regular exam
**Homework:** Homework will be assigned from each chapter but will not be graded. Exam questions will come from the homework as well as lecture notes, so it is suggested you work all the assigned problems. Answer keys to the homework will be placed on Blackboard.

**Exams:** There will be five regular exams. All exams will be given in the testing center. You may drop 1 regular exam and take the final instead. The final is comprehensive. **There are no make-up exams.** If you miss an exam you can use the final exam to replace it.

**Final Lecture Grade:** There are a total of 500 possible points.

**Grading Scale:** A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%

**COURSE POLICIES**

**Attendance Policy:** It is recommended but not required that you attend lecture. Your activity (quiz) points will be affected if you do not attend lecture.

**Classroom Behavior:** Please turn off cell phone ringers during lectures and lab discussions.

**Withdrawal Policy:** If you wish to drop the class, please do so yourself, the instructor will not be responsible, unless you make a specific request prior to the drop deadline.

**The drop deadline is November 24, 2008.**

**LECTURE OUTLINE/CALENDAR**

Chapter 1: The Foundation of Chemistry  
Chapter 2: Chemical Formulas and Composition Stoichiometry  
**Exam 1** (9/2 – 9/16)

Chapter 3: Chemical Equations and Reaction Stoichiometry  
Chapter 4: Some Types of Chemical Reactions  
**Exam 2** (10/2 – 10/6)

Chapter 5: Structure of the Atom  
Chapter 6: Chemical Periodicity  
**Exam 3** (10/17 – 10/21)

Chapter 7: Chemical Bonding  
Chapter 8: Molecular Structures and Covalent Bonding Theories  
**Exam 4** (11/7 – 11/11)
Chapter 12: Gases and Kinetic Molecular Theory
Chapter 13: Liquids and Solids
Chapter 14: Solutions

Exam 5 (11/26 – 12/3)

Comprehensive Final (December 10 for 21802-018 and December 11 for 21812-028).

Statement on Scholastic Dishonesty
"Acts prohibited by the college for which discipline may be administered include scholastic dishonesty, including but not limited to, cheating on an exam or quiz, plagiarizing, and unauthorized collaboration with another in preparing outside work. Academic work submitted by students shall be the result of their thought, research or self-expression. Academic work is defined as, but not limited to, tests, quizzes, whether taken electronically or on paper; projects, either individual or group; classroom presentations; and homework. Academic dishonesty will not be tolerated. Repercussions for students caught engaging in academic dishonesty will be determined by the instructor and may include an automatic "F" in the course, with no chance of withdrawal.

Statement on Students with Disabilities
"Each ACC campus offers support services for students with documented physical or psychological disabilities. Students with disabilities must request reasonable accommodations through the Office of Students with Disabilities on the campus where they expect to take the majority of their classes. Students are encouraged to do this three weeks before the start of the semester. Students who are requesting accommodation must provide the instructor with a letter of accommodation from the Office of Students with Disabilities (OSD) at the beginning of the semester. Accommodations can only be made after the instructor receives the letter of accommodation from OSD.

Statement on Academic Freedom
"Institutions of higher education are conducted for the common good. The common good depends upon a search for truth and upon free expression. In this course the professor and students shall strive to protect free inquiry and the open exchange of facts, ideas, and opinions. Students are free to take exception to views offered in this course and to reserve judgment about debatable issues. Grades will not be affected by personal views. With this freedom comes the responsibility of civility and a respect for a diversity of ideas and opinions. This means that students must take turns speaking, listen to others speak without interruption, and refrain from name-calling or other personal attacks."

Student Discipline Policy
"Students at the College have the rights accorded to all persons under the Constitution to freedom of speech, peaceful assembly, petition, and association. These rights carry
with them the responsibility for each individual to accord the same rights to others in
the College community and not to interfere with or disrupt the educational process. As
willing partners in learning, it is expected that students will comply with College rules
and procedures. ACC students are recognized as responsible persons who neither lose
the rights nor escape the responsibilities of citizenship. Enrollment in the College
indicates acceptance of the rules set forth in this policy, administered through the office
of the Campus Dean of Student Services. Due process, through an investigation and
appeal process, is assured to any student involved in disciplinary action."

STUDENT SERVICES
The web address for student services is: http://www.austincc.edu/rss/index.htm.
The ACC student handbook can be found at: http://www.austincc.edu/handbook/.

INSTRUCTIONAL SERVICES
The web address is: http://www.austincc.edu/evp/newsemester/index.htm,
then click on Campus Based Student Support Overview?.
