

**CHE 100-04  
COURSE SYLLABUS**

**Chemistry and Society**

**Fall 2003**

Section 04 TR 9:25 AM – 10:40 AM  
Natural Science Center Room #308

**Instructor: Dr. James A. Gawenis**

**Office: SC 454**

Email: gawenisj@nku.edu

**Office Hours:**

Mon 3:00 PM – 5:00 PM

Phone: (859) 572-5411

Thu 11:00 AM – 1:00 PM

Other hours by appointment.

**Course Content and Objectives:**

This course presents basic principles and common applications of chemistry relevant to non-science majors. The overall objective of this course is to give a better understanding of how chemistry affects daily life and a greater appreciation of the prevalence of chemical issues in society.

**Required Text:** *Chemistry for Changing Times (9th edition)*, J.W. Hill and D.K. Kolb, Prentice-Hall, 2001.

**Course Requirements:**

1. Attendance and Participation: Students are expected to attend all classes. I will not be taking attendance except for the first week. If you miss a class, you are responsible for that day's material and assignments.
2. Assignments: I will assign homework periodically. These assignments WILL NOT be collected or graded. However, I do suggest you complete the homework before any quizzes or exams are given, as chemistry is learned both by doing as well as listening.
3. Quizzes: Quizzes will occasionally be announced. However, I do give pop quizzes. There are NO make-up quizzes
4. Exams: There will be three (3) semester exams and a final exam. By definition, chemistry exams are all comprehensive, as each lesson is built on the last. A student who must miss an exam must contact me **personally** (in person or by phone) within 24 hours and make an appointment to discuss the situation. If you are involved in extracurricular activities (i.e., sports) that preclude you from attending

an exam, I expect to be notified in person by you with a written excuse from your supervisor (coach, etc) **at least** one week before your exam.

Tentative exam dates:

These dates will be confirmed at least one week before each exam.

Exam 1: Sep. 25

Exam 2: Oct. 16

Exam 3: Nov. 25

Final: Dec. 16 10:10 AM – 12:10 PM

5. Communication: It is highly recommended that you ask questions either in class or during office hours (or set up an appointment). The best way to get in touch with me is via e-mail, but make sure your class number and section is in the subject line. If you call my office, leave the date and time you called and state your phone number SLOWLY. I am on campus every weekday, so if I have not returned your message, I never received it.

### **Grading:**

Your percentage score will be calculated from the number of points earned from the total possible points.

### **Schedule:**

The following chapters will be covered in the order shown below. Depending on the progress of the class, I may make adjustments to the content covered.

<b>Chapter #</b>	<b>Title</b>
1	Chemistry: A Science for All Seasons
2	Atoms: Are They for Real?
3	Atomic Structure: Images of the Invisible
4	Nuclear Chemistry: The Heart of the Matter
5	Chemical Bonds: The Ties that Bind
6	Chemical Accounting: Mass and Volume Relationships
7	Acids and Bases
8	Oxidation and Reduction
9	Organic Chemistry
17	Household Chemicals: Helps and Hazards
10	Polymers
12	Air: The Breath of Life
13	Water

**A note about academic honesty:** While I am sure you have all read or have been instructed in regards to the Student Code of Conduct and probably find the continual discussion tedious, I would like to note that I find cheating to not only be unethical, but insulting to me, other instructors, and your classmates.