

Syllabus
General Chemistry I
CHE 120-N03

Fall 2005
TR 8:00 - 9:15 A.M.
SC-308

- Instructor: J. H. Niewahner, SC-448
Telephone: 572-6363
E-mail: niewahnerj@nku.edu
Office Hours: M 8:30 – 9:30, 1:00 – 2:00; T&W 10:30 – 11:30; R 2:00 – 3:00;
Others by appointment
General Website: http://www.nku.edu/~chemistry/general_chem/
Faculty Website: <http://www.nku.edu/~niewahnerj/>
Prerequisite: High School Chemistry and either a minimum score of 20 on ACT math section or equivalent; or a C or better in CHE 102; or placement
Co requisite: CHE 120L any section
If for any reason you need to withdraw from CHE 120 lecture, you must also withdraw from the lab, CHE 120L
Required Text: Moore, J.W.; Stanitski, C.L.; Jurs, P.C. *Chemistry: The Molecular Science*; Second edition; Brooks/Cole: Belmont, CA; 2005
Web Access: This is a web-enhanced course which requires students to access and use various internet resources such as email, Blackboard, and On-line Web Learning (OWL). For Blackboard go to <http://learnonline.nku.edu> and then to Student Support Site and How to Log In. For OWL go to the General Chemistry website then to OWL Instructions
Course Content: Chapters 1 through 10 of text.
1. The Nature of Chemistry
2. Atoms and Elements
3. Chemical Compounds
4. Quantities of Reactants and Products
5. Chemical Reactions
6. Energy and Chemical Reactions
7. Electron Configurations and the Periodic Table
8. Covalent Bonding
9. Molecular Structures
10. Gases and the Atmosphere
Study Time: Approximately 8 hours of study time per week. Test preparation will be in addition to the normal study time.
Attendance: Students are expected to attend all classes. Students are responsible for all information, material, and assignments presented in class or distributed on Blackboard.

- Assignments: You will be assigned numerous on-line exercise modules from each chapter. These are to be done on your own and completed by the due date. No credit will be given for late assignments. Assignments will be posted on the on-line web learning (OWL) network.
- Quizzes: On-line quizzes will be given throughout the semester. You will be given a limited amount of time to complete the quiz once you have begun. The quizzes must be completed within a specified period of time in order to receive credit. Quizzes will be posted on Blackboard.
- Tests: There will be three tests during the semester. The dates for these tests are listed on the attached schedule. There will be no make-up tests. A student who misses one test will be allowed to have the Final Exam count 40% rather than 20%. Each additional missed test will count as zero.
- Calculators: Programmable and graphics calculators are not permitted during tests or quizzes. Calculators will be necessary for taking tests and quizzes. In no case may calculators be passed from one student to another during a quiz or a test. The lack of an operable calculator will not excuse a student from having to solve a problem
- Grading: Quizzes and Assignments = 20% of overall score
 Tests = 60% of overall score
 Final Exam = 20% of overall score

<u>Overall Score</u>	<u>Final Grade</u>
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

Important Dates Relative to General Chemistry I, CHE 120-N03

Aug. 23	First day of class	
Sept. 12	Last day to "X" form the course.	
Oct. 31	Last day to "W" from the course.	
Nov.22 - 25	Thanksgiving Holidays. No class.	
Dec. 8	Last day of class.	
Sept. 22	Test 1.	Chapters: 1, 2, 3, 4
Oct. 27	Test 2.	Chapters: 5, 6, part of 7
Dec. 2	Test 3.	Chapters: Part of 7, 8, 9
Dec. 15	Exam	Comprehensive. Chapters 1 through 10. 8:00 A.M. to 10:00 A.M.

Schedule
CHE 120-N03, Fall 2005

MONTH (WEEK NO.)	MON	TUES	WED	THUR	FRI
AUG (1)	22	23 1	24	25 1	26
(2)	29 <i>OWL-1</i>	30 <i>Bb Q1</i> 2	31	1 2	2
SEPT (3)	5 Labor Day No Classes	6 <i>OWL-2</i> 3	7 <i>Bb Q2</i>	8 3	9
(4)	12 <i>OWL-3</i>	13 <i>Bb Q3</i> 4	14	15 4	16
(5)	19	20 <i>Bb Q4</i> 4	21 <i>OWL-4</i>	22 T1(1-4)	23
(6)	26	27 5	28	29 5	30
OCT (7)	3	4 5	5	6 5/6	7 <i>OWL-5</i>
(8)	10	11 <i>Bb Q5</i> 6	12	13 6/7	14
(9)	17 Fall Break No Classes	18 Fall Break No Classes	19 <i>OWL-6</i>	20 <i>Bb Q6</i> 7	21
(10)	24	25 <i>Bb Q7</i> 7	26 <i>OWL-7</i>	27 T2(5-7)	28
NOV (11)	31	1 7/8	2	3 8	4
(12)	7	8 8	9	10 8/9	11 <i>OWL-8</i>
(13)	14	15 <i>Bb Q8</i> 9	16	17 9	18
(14)	21	22 9	23 Thkgv Brk No Classes	24 Thkgv Brk No Classes	25 Thkgv Brk No Classes
(15)	28 <i>OWL-9</i>	29 <i>Bb Q9</i> 9/10	30	1 T3(7-9)	2
DEC (16)	5	6 10	7	8 10	9 <i>OWL-10</i>
	12	13	14	15 EXAM 8:00 – 10:00	16

Policies of the Department of Chemistry at Northern Kentucky University

- All items on syllabi are subject to change by the instructor.
- Students are responsible for reading and understanding all items on the syllabi. Any items not understood must be brought to the attention of the instructor within the first two weeks of class.
- The work you will do in any course is subject to the Student Honor Code. The Honor Code is a commitment to the highest degree of ethical integrity in academic conduct, a commitment that, individually and collectively, the students of Northern Kentucky University will not lie, cheat, or plagiarize to gain an academic advantage over fellow students or avoid academic requirements.
- Cheating will not be tolerated. In accordance with the Code of Student Rights and Responsibilities, faculty members have the right to determine actions to be taken when a student is caught cheating.
- Faculty members reserve the right to dismiss or to have removed a disruptive student from their classrooms.
- A grade of C or better is required in this course to enter CHE 121.
- This is a web enhanced course. Students meet at regularly scheduled class time and will need access to the internet to fulfill course requirements.

Other

Students are obligated to follow the Student Honor Code. The Honor Code can be accessed at http://www.nku.edu/~deanstudents/student_rights/honor_code/htm. Students caught cheating or plagiarizing will receive a grade of zero for that test or assignment.

Students are asked to turn off their cell phones during class. If you expect an emergency call please notify your instructor. Under no circumstance will students be allowed to use their cell phones during a test. Using a cell phone during a test will be considered cheating.