

Course Syllabus

Introduction to Chemistry
M, W, F 9:00 - 9:50, SC 305

CHE 102 – N01

Fall 2008

Instructor:

Dr. Laura Padolik

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Office Hours:

M, W, F 10:00-11:50

Required Text:

Introductory Chemistry, Tro. Third Edition, Prentice Hall

Required Online Program

Mastering in Chemistry

Course Description: Chemistry 102 is a class for students who did not study chemistry in high school or are not prepared for Chemistry 115 (Physiological Chemistry) or Chemistry 120 (General Chemistry I). Students are required to earn a minimum grade of C in CHE 102 to continue on to either CHE 120 or CHE 115. Chemistry 102 is NOT a general education course. Selected essential topics in chemistry, including solutions, reactions, stoichiometry and properties of solids, liquids and gases will be investigated. This is a web enhance course. Students meet at regularly scheduled class times and will need access to the internet to fulfill course requirements.

Course Calendar: Important dates and the tentative class schedule are found on the class calendar which is on the last page of the syllabus.

Attendance: Attendance will count as 30 points toward your grade. Students who miss more than 5 classes during the semester will not receive attendance points. Students are responsible for all information presented during lecture.

Blackboard: Students will be expected to use Blackboard to receive announcements and any additional information about class. The syllabus, class calendar, chapter outlines, handouts, answers to in class quizzes and exams will be posted on Blackboard. Out of class, on line quizzes will also be given in Blackboard. See below for more details. Blackboard can also be used to check grades and find useful websites.

Exams: There will be 4 exams and a comprehensive final exam; the dates for these are listed on the calendar. In general, there will be no make up exams. If you miss an exam because of an emergency, you must contact the instructor before the next scheduled class meeting.

Quizzes: Two kinds of quizzes will be given. On line quizzes will be given through Blackboard. Students will have from noon on the assigned dates to noon on the following day to go on line and complete the quiz. Students are expected to work independently without the aid of books or notes. Please follow the NKU Honor Code. In class quizzes will also be given. The dates for all quizzes will be announced in lecture. Each quiz will be worth 10 points and the best ten scores will count toward your grade. At least 12 quizzes will be given. Once a quiz goes offline it cannot be reset.

If you miss a quiz, you will have to drop that score.

Assignments: Chemistry is a problems based course and successfully completing all assigned problems will help you succeed on quizzes and exams. Mastering Chemistry is an online program that will be used to complete homework assignments. Due dates for all homework assignments will be announced in lecture. Each homework assignment will be worth 10 points with the best 10 scores counting toward your grade. The chapter outline found on blackboard also list of helpful problems.

Supplemental Instruction: Supplemental instruction will be offered in this class. SI offers weekly group review sessions along with study guides, homework assistance and test preparation. Students are encouraged to attend these sessions at least once a week. The SI leader is Julie Cardosi.

Out of Class Points: Students will be required to earn 20 “out of class” points and can earn up to 25 (5 bonus points). These points can be earned in several ways. Students can earn up to 2 points a week by attending SI sessions or attending an exam review session. Students can also earn up to 4 points for summarizing and turning in a chemistry related article from a current newspaper or magazine. See blackboard for the SI schedules as well as the guidelines and forms required to receive credit. Other methods of earning these points may be announced through out the semester.

Calculators: Calculators are necessary for this class. In order to maintain equality however, programmable calculators will not be permitted for use on exams or quizzes.

Grading:

Exams: 400 points (100 points each)
Final Exam: 150 points
Quizzes: 100 points (10 points each)
Homework: 100 points (10 points each)
Attendance: 30 points
Out of Class: 20 points

Grading Scale:

A \geq 720 points
B 640 – 719 points
C 560 – 639 points
D 480 - 559 points
F < 480 points

Links to disability services and the learning assistance program can be found on Blackboard.

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 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.

The Instructor reserves the right to modify the syllabus at any time during the semester.

Students are required to read and understand the contents of this syllabus. Any questions must be brought to the instructor’s attention by September 3, 2008.

Department of Chemistry
Student Learning Outcomes for Introductory Chemistry

1. Explain the major concepts and experimental finding in the chemical sciences.
2. Compile, critically evaluate, and interpret scientific information and data.
3. Effectively communicate scientific information through written and oral means.
4. Evaluate the relationships between chemistry and mathematics, physics, biology and other disciplines and between chemistry and society.

Course Calendar

August 2008						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
17	18	19	20	21	22	23
24	25 Chapter 1	26	27 Chapter 1/2	28	29 Chapter 2	30
September 2008						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1 Labor Day	2	3 Quiz Chapter 2	4	5 Chapter 2	6
7	8 Chapter 3	9	10 Quiz Chapter 3	11	12 Chapters 3,4	13
14	15 X-Day Chapter 4	16	17 Quiz Chapter 4	18	19 CUR	20
21	2 Exam 1	23	24 Chapter 5	25	26 Chapter 5	27
28	29 Chapter 5	30				
October 2008						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Quiz Chapter 6	2	3 Chapter 6	4
5	6 Chapter 6	7	8 Quiz Chapter 7	9	10 Chapter 7	11
12	13 CUR	14	15 Exam 2	16	17 Chapter 7	18
19	20 Fall Break	21 Fall Break	22 Chapter 7	23	24 Chapters 7/8	25
26	27 Chapter 8	28	29 Quiz Chapter 8	30	31 Chapter 8	1
November 2008						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	3 W-Day Chapter 9	4 Election Day	5 Quiz Chapter 9	6	7 Chapter 9	8
9	10 CUR	11	12 Exam 3	13	14 Chapter 10	15
16	17 Chapter 10	18	19 Quiz Chapters 10/13	20	21 Chapter 13	22
23	24 Chapter 13	25	26 Break	27 Thanksgiving	28 Break	29
December 2008						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1 Chapter 13	2	3 Quiz Chapter 14	4	5 Chapter 14	6
7	8 CUR	9	10 Exam 4	11	12 Review	13
14	15 Final Exam 8:00 – 10:00	16	17	18	19	20
21	22	23	24	25	26	27

CUR – catch up and review days.

Quiz – online quizzes available at noon.