

**SYLLABUS**  
**COURSE INFORMATION – Chem 101**  
**Summer 2007**

- CHEMISTRY:** Introduction to Chemistry
- PROFESSOR:** Dr. David B. Cleary  
Contact: Email [dbclea01@louisville.edu](mailto:dbclea01@louisville.edu)  
Mailbox in Chemistry Dept. office (Chemistry Building)  
Chemistry Dept. phone: 852-6798 (Leave a message)
- TEXT:** *The Chemistry of Everything*, Kimberley Waldron
- LECTURE:** 9:40 am to 11:10 am, Monday-Friday, Natural Science, Room 112.
- EXAMS AND QUIZZES:** There will be three (3) exams and one (1) cumulative final exam.  
There will be three (3) quizzes and three (3) cooperative learning activities.
- Due to the time constraints of the Summer schedule, make-up exams and quizzes will only be allowed for documented, legitimate reasons. A grade of zero will be entered for any missed exams or quizzes. Anyone foreseeing a future exam/quiz schedule conflict should discuss this with me on an individual basis so arrangements can be made. Missed exams/quizzes for documented, legitimate reasons should likewise have individual arrangements made with me to schedule a make-up date.
- HOMEWORK:** Assignments of reading are located in the attached course outline.  
Reading material to be covered in lecture should be read prior to class meeting.
- Cooperative learning activities will require prior preparation at home.  
Failure to adequately prepare will limit participation in the activity.
- COOPERATIVE LEARNING ACTIVITIES:** Three times throughout this course we will participate in cooperative learning activities that will involve working in small teams of three to four members during the class period. A written record of preparation and participation in the activity will be turned in for grading purposes.
- CALCULATIONS:** Electronic calculators are encouraged for homework and examinations.  
There is no need to buy anything fancy, since the calculations are limited to basic arithmetic.
- EXAM AND READING ASSIGNMENTS:** See attached course outline. The dates are assigned to provide a guideline for progress, but should not be considered firm. Any change in exam dates will be discussed in class with ample notice.

**GRADE:**

Your final grade for the semester will be a composite of all grades earned. It will be the average of six (6) grades: 1) Collaborative Learning grade, 2) Quiz grade, 3) Exam #1 grade, 4) Exam #2 grade, 5) Exam #3 grade, 6) Cumulative Final grade. Each of these six grades is weighted equally.

The course grade is calculated as follows:

Average Collaborative Learning grade	(100 points max)
Average Quiz grade	(100 points max)
Exam #1 grade	(100 points max)
Exam #2 grade	(100 points max)
Exam #3 grade	(100 points max)
<u>Cumulative Final grade</u>	<u>(100 points max)</u>
	(maximum possible points = 600)

The total points earned divided by 6 = course grade.

The letter grade at the end of the course will be no stricter than:

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

**Chemistry 101-20  
Outline for Summer 2007  
Natural Science, Room 112  
(Tentative and Subject to Change)**

<b>Date</b>	<b>Reading Assignment/Lecture Topic</b>	<b>Activity</b>
June 5, T	Syllabus, Ch 1.1-1.6	
June 6, W	Ch 2.1-2.4	
June 7, R	Ch 2.1-2.4	
June 8, F	Ch 3.1-3.4	CL #1
June 11, M	Ch 3.5-3.8	Quiz #1
June 12, T	Ch 3.5-3.8	
June 13, W	Ch 4.1-4.4	
June 14, R		Exam #1
June 15, F	Ch 4.5-4.7	CL #2
June 18, M	Ch 5.1-5.8	Quiz #2
June 19, T	Ch 5.1-5.8	
June 20, W	Ch 9.1-9.3, Ch 10.1-10.3	
June 21, R	Ch 11.1-11.5	Last Day to Withdraw
June 22, F	Ch 11.1-11.5	
June 25, M		Exam #2
June 26, T	Ch 12.1-12.6	
June 27, W	Ch 12.1-12.6	
June 28, R	Ch 12.1-12.6	
June 29, F	Ch 13.1-13.6	CL #3
July 2, M	Ch 13.1-13.6	Quiz #3
July 3, T	Ch 14.1-14.6	
July 4, W	Holiday	
July 5, R		Exam #3
July 6, F	Review	
July 9, M		Cumulative Final Exam

\* CL = Cooperative Learning Activity

\*\* Ch = Chapter