

CHE 115-14L
GENERAL CHEMISTRY LABORATORY I
Spring 2005 R 5:50-7:30 ROOM 462

Instructor: Ms. Gini Vance

Office: 441

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Office hours: W 11:30-12 R 12:30-1 Rm. 422 W 5-5:30 Rm. 423 7:30-8 Other hours are available by appointment

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Course Description:

This is a laboratory course to accompany CHE 115 Physiological Chemistry. It is designed to underscore concepts presented in CHE 115 and to help the student become familiar with laboratory techniques and keep accurate records of observations made.

Corequisite:

CHE 115 Lecture (note: if you drop the lecture, you must drop lab)

Required Text:

F.A. Bettelheim and J. Landesburg, Laboratory Experiments for *Physiological Chemistry*, Brooks/Cole, 2002.

Course Policies:

Attendance at all lab sessions is required. No lab will be dropped or excused. Make-up work will be arranged for legitimate medical problems or other extraordinary circumstances, at the discretion of the instructor; the student is responsible for notifying the instructor within 48 hrs. of such absences.

Course Requirements:

The student is expected to come to each lab session prepared to perform the assigned experiment – this includes reading introductory information, doing Prelabs as noted, and studying procedures (preparing an abbreviated version of the procedure is highly recommended). Completed lab reports (Prelabs and Report Sheets are to be submitted one week following completion of the lab exercise.

Cheating will not be tolerated – Students found cheating will receive an automatic F for the semester grade. See the *Student Honor Code* in the Student Handbook or <http://www.nku.edu/-deanstudents/>

Grading:

Overall score	Letter Grade
100-90.0	A
89.99-80.0	B
79.99 – 70.0	C
69.99 – 60.0	D
59.99 – 0	F

Tentative Schedule

<u>Date</u>	<u>Lab Exercise</u>	<u>Pre-Lab</u>	<u>Proc./Report</u>	<u>Post-Lab</u>
Jan. 13	Check-in, Safety,			
Jan. 20	Exp 2 Measurements	All	All	1-4
Jan. 27	Exp 8 Chemical Compounds	1-10	Single/Double	None
Feb. 3	Exp 17 Solubility	1-4	All	1-4
Feb. 10	Nuclear Chemistry	n/a	Handout	None
Feb. 17	Exp 22 Buffers	1-3	All	1&3
Feb. 24	Exp 26 Structures	1-4 &	1a-c,2,3	1-3
Mar. 3	Exp 26 cont.	Handout	4a,b,d-f,5a-c	
Mar. 10	Spring Break - No Class			
Mar. 17	Test 1 Exp. 2,8,17,Nuclear, 22,26			
Mar. 24	Exp 35 Aspirin	1-4	Handout	1-4
Mar. 31	Exp39 Soap	1-4	Handout	None
Apr. 7	Exp. 45 Casein	1-4	Part A,B-3a&c	1,5,6
Apr. 14	Exp. 1 Gas Burner	1-3	1-8	None
Apr. 21	Test 2 Exp. 26, Molec. Models 35, 39, 45			
Apr. 28	Check-Out			

Other:

1. If you withdraw from the lecture, you **must** withdraw from the lab.
2. Students are required to read and understand the contents of this syllabus. Any questions must be brought to the instructor's attention by Jan 27. Instructor reserves the right to modify the syllabus at any time during the semester.
3. All pagers and cell phones must be turned off during lab or you will be asked to leave.