

**Syllabus**  
**Physiological Chemistry Laboratory**  
**CHE 115L -015**  
**Fall, 2006**

<b>Time</b>	10:25 – 12:05 R
<b>Place</b>	SC 462
<b>Instructor</b>	William R. Oliver SC 449 572-5711 <a href="mailto:oliver@nku.edu">oliver@nku.edu</a>
<b>Office Hours</b>	W, 9:00 – 11:30; 2:00 – 4:00 Other times as available or by appointment.
<b>Co-requisite</b>	CHE 115 N. B. <i>If you drop the lecture (CHE 115), you must also drop the lab.</i>
<b>Text</b>	Bettelheim-Landesberg, Chemistry 115 Lab Manual
<b>Attendance</b>	Attendance at all labs is required. Students who will miss a lab should call the instructor to see if some arrangement can be made.
<b>Assignments</b>	Students will come to each lab session prepared to perform the assigned experiment (page 2 of this syllabus). This means reading the assigned information, answering the pre-lab questions, and studying the experiment. The pre-lab questions will not be collected, but 6-8 pre-lab quizzes will be given during the semester; the questions will be from the pre-lab questions. The best five of these will be counted. Completed lab reports (report sheet and post-lab questions) are due at the start of the next lab period.
<b>Honor Code</b>	Students are expected to conform to the Student Honor Code, which may be found in the Student Handbook or online at the Dean of Students' web page.
<b>Calculators</b>	You will need a calculator for the labs and for the exams.
<b>Safety</b>	Students will wear eye protection at all times. It is unwise to wear sandals and shorts in the laboratory. All accidents and spills are to be reported to the instructor immediately.
<b>Disability Services</b>	Students who believe they may be entitled to consideration because of a disability may find policies at <a href="http://www.nku.edu/~disability/">http://www.nku.edu/~disability/</a>

## Schedule

Date	Lab	Pre-lab ?	Procedures	Post-lab ?
8/24	Safety, Check-in			
8/31	Exp 2, Measurements	All	All	1-4
9/7	Exp 3, Density	1-3	All except flotation	1,2,4,6
9/14	Nuclear Chemistry	Handout	Handout	Handout
9/21	Exp 8, Chem Reactions	1-10	Single/Double Replacement Reactions	None
9/28	Exp 17, Solubility	All	All	All
10/5	Exp 20, Reaction Rates	1,2,4	All	All
10/12	<b>Mid-term Exam</b>			
10/19	Exp 22, pH and buffers	1,3	All	3
10/26	Exp 26, Organic Cpds	All	1a-c, 2, 3, 4a,b,d-f, 5a-c, 7	1-3
11/2	Exp 33, Amines/Amides	All	All	All
11/9	Exp 35, Aspirin	1-3	All	All
11/16	Exp 39, Soap	All	Handout	All
11/30	Exp 45, Casein	All	Part A, B -1d, 3a-c	1,5,6
12/7	<b>Final Exam</b> , Check-out			

**Grading** Your grade will be determined in the following manner:  
20% Mid-term Exam  
20% Final Exam  
20% Quizzes  
20% Lab Reports  
20% Lab technique

**Important Dates**

Aug 24	First day of class
Sep 11	Last day to drop with no record
Oct 16-17	Fall Break
Oct 30	Last day to drop with a grade of W

**N.B.** *All items on this syllabus subject to change by the instructor.*

*No cell phones or pagers will ring during the class.*