

Chemistry 231 Lab

Subject to Change

Instructor: Buddy G. Barnett
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OFFICE HOURS:

MW 11:00 am - 02:00 pm
MTWR 05:00 pm – 05:30 pm
TR 01:00 pm - 02:00 pm
F 11:00 am - 12:00 pm

Office visit by appointment

Course Prerequisites/Co requisites

You must have passed, or currently attend, Chem 230. If you drop Chem 230 you need special permission to stay in Chem 231. Please review the drop policy and PDF form posted at http://www.ulm.edu/chemistry/courses/drop_policy.html!

Course evaluation policy: Please complete the on-line course evaluation!

Student Services: Please note that the following ULM student services are available to you:

Student Success Center (<http://www.ulm.edu/cass/>), Counseling Center

(<http://www.ulm.edu/counselingcenter/>), Special Needs

(<http://www.ulm.edu/counselingcenter/special.htm>).

If you have special needs that I need to be made aware you should contact me within the first two days of class.

Content

This course familiarizes students with basic laboratory skills in organic synthesis and supplements Chem 230 by introducing applied techniques.

Goals

Objectives: You will complete 10 lab sessions during which you will perform experiments. In addition, you will attend check-in (today) and check-out (after the final). See attachment of details.

Text: Williamson, *Macroscale and Microscale Organic Experiments*, and any material covered by hand-outs. Other required material: Model Kit, calculator, eye protection, proper dress code, carbon copy lab note book.

Attendance policies: You must be present for the entire duration of all pre-labs and experiments. Any unexcused absences will result in 0 points earned for the missed report and quiz.

Dress code: To avoid serious injuries to your legs, you must not wear shorts or sandals in the laboratory. No exposed skin from the waist down, no ultra-thin fabrics. You must wear closed, sturdy,

heeled shoes that protect your feet adequately (tennis shoes are a good choice). You must wear eye protection **whenever** you are in the lab. Make sure your clothing and hairstyle is compatible with a lab environment. If you violate the dress code you will be sent home. You can easily avoid this situation by keeping some spare shoes and pants handy. Lab coats are recommended, but optional. Make sure your hair style is compatible with a lab environment. If you violate the dress code, you will be sent home to change and very likely will miss the respective lab.

Office hours: Office hours are intended to discuss problems with your schedule, allow you to see your quizzes, etc., not for review. Feel free to discuss any problems you may have with the pre-lab material during the experiment or schedule review time with me.

Methods of Evaluation

Tests, quizzes: There will be quizzes, some scantron “pink”, lab reports, and one comprehensive final. Each quiz will cover the material from the previous pre-lab, as well as the book chapter corresponding to that day’s experiment (if that applies). Bring a calculator, text book, scantrons, and number two pencil to all classes!

Readings: You are expected to read your hand-outs for the day’s experiment in advance. Be prepared to answer questions related to the hand-outs. If you have any questions as to which material you will have to review it is your responsibility to ask.

Homework assignments: Lab reports are due one week after each experiment and have to be completed at home if necessary. I expect all lab reports to be entered into a carbon copy lab note book.

Grading system: Year grades will be determined based on the following:

10 quizzes (20 pts each)	200 points
10 experiments (lab reports worth 10 pts each)	100 points
1 final (worth 100 pts)	<u>100 points</u>
	400 points total

Grades will be assigned based on the usual scale (A, 100-90%; B, 89-80% etc.). There will be no curving and you cannot drop any grades.

Make-up policy: You may miss one quiz/experiment as a consequence of an excused absence, but must make them up on check-out day. Any unexcused absences will cause significant problems for you.

Cheating: You will get zero points on the exam or quiz. This may happen to you even if you are a cooperating “benefactor”: it is in your interest not to cooperate. If you are caught cheating on the final you will be 100 points short and usually will not be able to pass.

Posting of exam results and answer keys: Quiz results will be posted on Blackboard usually by midnight of each class period.

Mid-term grades: ULM requires that I post mid-term grades for you. They may not necessarily be good indicators of your final, overall performance in this lab!

Cancellations: In general, cancellations are rare. Cancelled labs should be treated as labs that were never scheduled: If your lab is cancelled, your next quiz will cover the last pre-lab before the cancellation, your lab reports will be due the following lab, your grades will be based on the number of labs offered to you, material from cancelled experiments will be omitted from finals unless otherwise stated.

Come prepared when we meet again! By next time, you should a) follow the dress code, b) have your goggles or safety glasses, c) be prepared for your first quiz, d) bring your lab note book “carbon copy type”, e) bring your lab text book (Williamson), f) remember your combination. You must have a scantron, pencil and your book available everyday of class there will be a quiz or test almost every meeting.

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I acknowledge that I have been given a Class Syllabus for Chemistry 231. I have read the Syllabus and I agree to follow the requirements and procedures for the course as set forth in the syllabus and the policies set forth in the Students Handbook used by the University.

STUDENT'S NAME (please print): _____

SIGNATURE: _____

LAB DAY, TIME, and SECTION: _____

DATE: _____

Phone #: (one that you answer) _____

EMAIL ADDRESS: _____