

Chemistry 202: Organic Chemistry I Laboratory
URL <http://www.southalabama.edu/chemistry/laboratories.html>

I. Items needed by FIRST laboratory period.

- A. Text: *Introduction to Organic Laboratory Techniques*, Pavia, Lampman, Kriz, & Engel, 4th Edition.
- B. Lab Notebook: 100-page Notebook with perforated duplicate pages.
- C. Supplies: Padlock for desk and splash proof GOGGLES that are indirectly vented

II. Attendance in Laboratory and Pre-lab conference is mandatory. There will be NO Make-up laboratory. An absence will count as a zero.

- A. A pre-lab quiz missed due to tardiness will result in a grade of zero. There will be no make-up quiz. If the student is present for the pre-lab instruction, he may attend the laboratory with no further penalty.
- B. A pre-lab conference missed due to tardiness or absence will result in a grade of zero for that entire lab exercise and the student may NOT attend the lab session. There is no partial credit for work done outside the lab.
- C. Failure to have a pre-lab write-up at the beginning of the lab session will result in the student being allowed to leave the lab, write the pre-lab, then re-enter to work with **NO EXTRA TIME** allotted. The second incidence will result in an **absence** in the lab.

III. DROPS/ WITHDRAWS: CH-202 lecture and lab are co-requisite. If you, at any time, decide to drop or withdraw from lab or lecture, you must also drop/withdraw from the co-requisite course. You must also check out of the laboratory, before or during the scheduled check-out date for your lab section.

IV. Laboratory Grading: The final laboratory grade will be assigned on a standard A (90-100), B (80-89), C (70-79), D (60-69), F (< 60).

12 Experiments (lowest grade will be dropped)	65 %
General Spectral Unknown	10 %
Hour Test	<u>25 %</u>
Total	100 %

Each experiment will be graded on a 100 point basis as follows:

A. Prelab Quiz	30 points
B. Technique	10 points
C. Notebook Write-ups	15 points
D. Procedure/Data/Calculations (Products (count 20 points when applicable)	<u>45 points</u>
Total	100 points

A. Pre-lab Quiz will be given during the first 15 minutes of each lab period. It will consist of 4 questions: 2 from the previous week's work; 2 from the present week's work. A grade of zero will be assigned for any quiz missed. **No make-up quizzes will be given.**

B. Technique Grade will be determined by the instructor's careful observation of the student's work IN the laboratory.

C. Notebook entry will be written for each lab exercise. The instructor will initial each write-up and make appropriate notes, comments, and observations about each one regarding form, clarity, completeness, grammar, and spelling. (See the "Notebook Handout" for the correct form to be used. Refer to the Instructor syllabus for details regarding notebook grading policy.)

D. Product grade will be determined based on the following parameters:

1. If enough product is collected to weigh and determine a physical constant, the grade = 90-100 %.
2. If all procedures are carried out and no product (or not enough product to meet the previous condition), is obtained, the grade = 60 %.
3. If all procedures are not carried out, the grade = 0 %.

E. General Spectral Unknown grade will be based on the following: If all work is completed, a structure is presented based on written interpretation of data, the grade = 60-100 %.

F. Hour exam will be an instructor-generated, comprehensive, one-hour written test.