Course Schedule of Assignments:

- finish your lab work on a Catch-Up day, the final report will be due one week after the due date.

Emergency Catch-Up

Late Drop Deadline: November 27

Late Registration & Drop/Add Deadline: September 20

Registrar Dates:

Course Schedule of Assignments: Listed on back.

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Chemistry 36: Organic Chemistry Lab

Fall 2006

Course Times: Section 101: Tues/Thurs 1:25 – 4:25 pm
Section 102: Tues/Thurs 6:30 – 9:30 pm

Course Location: 205/215 Whitmore Lab

Faculty in charge:

Dr. Katie Masters
Director, Organic Chemistry Labs
Office: 218 Whitmore
Phone: 863-3319
Email: kmasters@psu.edu
Office Hours: Wed 3:00 – 5:00 pm

Dr. Jackie Bortiatynski
Director of Instrumentation
Office: 211D Whitmore
Phone: 865-2772
Email: jackie@chem.psu.edu

Course Website: http://courses.chem.psu.edu/chem36

Required Materials:

3. Eye Protection - Eye Protection is required at all times in the Organic Laboratory! See Information on Eye Protection in Chapter 2
4. Organic Lab Equipment Kit of expendable items including 2 NMR tubes, 15 TLC plates, 12 vials, etc. This kit is available at the Penn State Bookstore.
5. Combination or key lock

If you wear shorts or a top that exposes your midriff, you must purchase and wear a plastic lab apron to protect your midriff and legs. You CANNOT wear open-toe shoes in the lab!

Course Objective: To learn and master fundamental organic chemistry laboratory techniques, to perform synthetic reactions, work-ups, and purifications, to learn how to operate instrumentation and analyze spectral data, and to write original lab reports in a professional manner.

Grading: Each student has the ability to acquire a total of 1770 points for the semester. There will be five (5) techniques experiments (one which will not count towards your final grade, but will serve as practice), one (1) spectral unknown experiment, and five (5) synthetic experiments. Each technique and synthetic experiment will have one PreLab (worth 30 points) and one Final Report (worth 100 points) due. The spectral unknown only has a Final Report due which is worth 100 points. You will have six (6) quizzes throughout the semester (see schedule for dates); each is worth 50 points. Quizzes 1 through 5 will consist of a few to several questions that will test your preparedness for the experiment you are doing that day. Quiz 6 will focus on the lab application of spectroscopy (i.e. sample preparation for spectral analysis, predicting signals in spectra, etc) and Chapter 9 information. The Final Exam will test you on all lab techniques that you learned during the semester and how/when they are applied; it is worth 100 points. Your TA will also evaluate your laboratory performance; this evaluation is worth 100 points. The average final grade per section is typically in the B range. Your TA should provide the class with averages for each report and quiz; use this average as a reference point to gauge your progress. Your TA should also hand back your reports no later than one week after the due date. If this is not being done, please see Dr. Masters.

Registrar Dates:

Late Registration & Drop/Add Deadline: September 20
Late Drop Deadline: November 27

Catch-Up Day Policy: If you are not able to attend a lab for an excusable reason (e.g. sickness, family emergency), you can use the Catch-Up day (one is offered this semester) to make up any missed lab work. If you finish your lab work on a Catch-Up day, the final report will be due one week after that Catch-Up day.

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205/215 Whitmore Lab

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Office Hours: Wed 3:00 – 5:00 pm

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