SYLLABUS **Teaching Assistant:**_____
Organic Chemistry Laboratory B **TA's Room & Phone:**_____
Chemistry 226: Summer II 2011 **TA's Office Hours:**_____

Description: A one-semester-hour laboratory course designed to accompany organic chemistry lecture courses.

Pre- and Co-requisites: Chem 223/225 and Chem 224, respectively.

Materials: Catalyst: Custom Laboratory Program; Tim Thomas
CHEM 226 Edition; Pearson/ Prentice Hall.

Safety glasses are provided on the first day of class and must be brought to every lab.

Course Homepage: http://blackboard.luc.edu/.

Grading: Course grades consist of the following components:

220 points	11 online quizzes (20 points each)
110 points	Quantity and quality of products produced (10 points each)
110 points	Notebook scores (10 points each)
10 points	Spectroscopy Assignment
50 points	Exam
500 Points	Total

Pre-Lab Preparation: Success in organic lab depends on advance preparation. Therefore, there are several things you must do before coming to lab. One major component of your pre-lab assignment is to thoroughly read and understand the experimental procedure. If you have questions, consult your Teaching Assistant or the Lab Coordinator well before your lab section. Do not wait until the few minutes before class.

Before coming to class, you must also complete the pre-lab portion of your lab notebook. As described in the handout, "Keeping a Laboratory Notebook," this includes the Title, Objective, Outline, Table of Reagents and Initial Calculations. **NO ONE WILL BE ALLOWED TO PERFORM AN EXPERIMENT WITHOUT FIRST COMPLETING THE PRE-LAB PORTION OF THE NOTEBOOK.**

Quizzes: An online quiz must be completed and submitted via Blackboard within two days after each experiment.

Notebook: During the experiment, you will complete the remaining sections of the notebook. At the end of each experiment and before you leave lab, you must hand in the duplicate sheets from the rest of your notebook.

OFFICE HRS
M T W
1130-12

Spectroscopy Assignment: The spectroscopy assignment will be posted on Blackboard and is due at the beginning of your lab period on 18JUL2011. No late work will be accepted.

Attendance: You are expected to attend every lab session. Due to safety constraints and size limitations, YOU WILL NOT BE ALLOWED TO MAKE UP AN EXPERIMENT IN ANOTHER SECTION. Missing a lab period will result in a zero for all work related to that experiment. If you miss an experiment for a justifiable reason—court summons, death in the immediate family, serious illness, etc.—you must notify the lab instructor in writing within 24 hours. Documentation will be required. If your absence is approved, your grade will be based on the experiments for which you were present. However, you are still responsible for all of the material on assessments. If you miss a second experiment, you have missed a significant portion of the course and should either drop or request an incomplete. A maximum of one and only one excused absence will be allowed for each student.

Any student who is late by 10 minutes or more will not be allowed to perform the experiment and will be marked absent.

Safety Rules: ANYONE WHO DOES NOT ADHERE TO THE SAFETY RULES WILL NOT BE ALLOWED TO REMAIN IN THE LABORATORY.

Academic Integrity: Each student is expected to do her/his own work. All work submitted for a grade must be an individual effort. The penalty for academic dishonesty is a grade of 'F' for the course.

Email: You must use your Loyola email address when contacting the TAs or instructor for this course. Emails from outside sources are often blocked automatically.

Lab Coordinator: Timothy Thomas, LSB 124, (773) 508-8115, tthoma1@luc.edu

Schedule: Organic Chemistry Laboratory A, Chemistry 226, Summer II 2011

July

Monday	Tuesday	Wednesday	Thursday	Friday
4 HOLIDAY	**5**	**6** Introduction	**7**	**8** Reduction
11 Oxidation	**12**	**13** Acidity	**14**	**15**
18 Diels-Alder	**19**	**20** Nitration	**21**	**22**
25 Ketones	**26**	**27** Acylation	**28**	**29**

August

1 Grignard	**2**	**3** Esters	**4**	**5**
8 Soap/ Nylon/ Aldol	**9**	**10** Exam	**11**	**12**