

1.3 LECTURE AND LABORATORY SCHEDULE

The laboratory lectures are an essential part of 5.311. Faithful attendance at all lectures will be expected. It is possible that students will be prohibited from doing some of the experiments if we believe they are unprepared because of absence from a lecture pertinent to that experiment. Unless otherwise indicated, **the lectures will be held on Tuesdays and Thursdays at 12:00 p.m. in Room 32-141.**

Lectures Schedule

Day	Date	Group A & Group B
Wednesday	9/7	<i>Mandatory Safety Lec 1pm 9/7 (1-190) Monday-Wednesday Section Check-in follows @ 3:00 PM</i>
Thursday	9/8	Introduction to the Laboratory\ Kinetics I
Thursday	9/8	<i>Mandatory Safety Lec 1pm 9/8 (66-110) Tuesday-Thursday Section Check-in follows @ 3:00 PM</i>
Tuesday	9/13	NMR-I
Thursday	9/15	Kinetics II
Tuesday	9/20	NMR II
Thursday	9/22	Data Analysis and Error Analysis
Tuesday	9/27	Writing Laboratory Reports
Thursday	9/29	Unknown Carboxylic Acids I
Tuesday	10/4	
Thursday	10/6	Unknown Carboxylic Acids II
Tuesday	10/11	Columbus Day Vacation
Thursday	10/13	
Tuesday	10/18	Ferrocene I
Thursday	10/20	Ferrocene Molecular Orbitals Calculation with Spartan
Tuesday	10/25	Ferrocene II
Thursday	10/27	
Tuesday	11/1	
Thursday	11/3	
Tuesday	11/8	
Thursday	11/10	
Tuesday	11/15	
Thursday	11/17	Oral Report Workshop
Tuesday	11/22	
Thursday	11/24	<i>Thanksgiving vacation</i>

The Experiments text from the 5.311 LAB MANUALS MAY NOT BE BROUGHT INTO THE LABORATORY! If one does, it will be considered as ACADEMIC DISHONESTY!

The schedules and all appendices from all experiments can be brought into lab.

5.311 LABORATORY SCHEDULE (FALL 2005)

Month	MW	TR	Group A	Group B
September	7	8	<i>Check into Lab @ 3:00 PM (after Safety Lecture)</i>	
	12	13	Day #1 Kinetics* TA1 <i>Written Report due</i> <i>(in the Undergraduate Labs;</i> <i>see the bottom of this</i> <i>schedule):</i> MW: Oct. 3 TR Oct. 4	Day #1 NMR* TA2 <i>Written Report due:</i> <i>(in the Undergraduate Labs;</i> <i>see the bottom of this</i> <i>schedule):</i> MW: Oct. 3 TR: Oct. 4
	14	15	Day #2	Day #2
	19		Students Holiday	
	20		No 5.311 Lab	
	21	22	Day #3: Lab Quiz	Day #3: Lab Quiz
	26	27	Day #4	Day #4
	28	29	Day #1 NMR* TA2 Report due date*: <i>(in the Undergraduate Labs;</i> <i>see the bottom of this</i> <i>schedule):</i> MW: October 19 TR: October 20	Day #1 Kinetics* TA1 Report due date*: <i>(in the Undergraduate Labs;</i> <i>see the bottom of this</i> <i>schedule):</i> MW: October 19 TR: October 20

	30		<i>#1 Friday makeup</i>	
October	3	4	Day #2 Kinetics Report due	Day #2 NMR Report due
October	5	6	Day #3: Lab Quiz	Day #3: Lab Quiz
	10	11	Columbus Day Vacation	
	12	13	Day #4	Day #4
	17	18	Open Lab	
	19	20	Day #1 Unknown Carboxylic Acid* TA2 Report due date*: <i>(in the Undergraduate Labs; see the bottom of this schedule):</i> MW: November 9 TR: November 10 NMR Report due	Day #1 Ferrocene* TA1 Report due date*: <i>(in the Undergraduate Labs; see the bottom of this schedule):</i> MW: November 9 TR: November 10 Kinetics Report due
	24	25	Day #2	Day #2
	26	27	Day #3: Lab Quiz	Day #3: Lab Quiz
Oct. Nov.	31	1	Day #4	Day #4
Nov.	2	3	Day #5	Day #5
	4		<i>#2 Friday make-up</i>	
November	7	8	Day #1 Ferrocene* TA1 <i>(Oral Report: bring a summary of 4-6 pages)</i>	Day #1 Unknown Carboxylic Acid* TA2 <i>(Oral Report: bring a summary of 4-6 pages)</i>
	9	10	Day #2 Unknown Carboxylic Acid Report due	Day #2 Ferrocene Report due
	14	15	Day #3: Lab Quiz	Day #3: Lab Quiz
	16	17	Day #4	Day #4

	21	22	Day #5	Day #5
	23		No 5.311 Labs Open labs	
	23		All late written reports must be turned in by NOON in Room 4-449B	
24	25		🍴 Thanksgiving vacation 🍴	
28	29		Open Labs	
30	1		Laboratory Checkout	
December	5	6	Oral Reports on Experiments 3 and 4 Bring a summary of 4-6 pages	
December	7	8		

***STAPLE to the FRONT of EACH REPORT:**

- (1) The [Grade Sheet](#) then
- (2) THE **DATA SUMMARY SHEET**

Available in each experiment's section of this book or on the course website.

Reports missing the grading sheet and/or the data summary sheet **penalized 2 points each.**

Reports must be turned in 1:10 P.M. on the date due, in the box labeled 5.311 on the table across from Room 4-452 (Prep Room, next to the Stock Room).

Any Report turned in after 1:10 P.M., for example, 1:11 P.M. is considered late.

THERE is a **3*n-1** (n is the number of days) POINT PENALTY FOR LATE REPORTS. For example, for 1 day late the penalty is 2 points; for 4 days late the penalty is 11 points. There is no penalty for week-ends and M.I.T. holidays (when the Undergraduate Labs are not open). During vacation and student holidays the Laboratory is open! Regrade requests must be submitted in writing attached to the written report within one week of the reports stamped return date. Absence from the lab due to illness is the only **acceptable excuse** for late reports and must be approved by Dr. Gheorghiu.

**ALL REPORTS MUST BE WRITTEN
INDEPENDENTLY.**