

## Chem 309, Fall 2012: Laboratory Schedule

<b>Date</b>	<b>Expt. #</b>	<b>Topic(s)</b>	<b>Report Due</b> (by 4:30 p.m.)
3-Sep	1(a)	Safety in the physical chemistry laboratory	-----
10-Sep	1(b)	UV/Vis absorption spectra of dye molecules	24-Sep
17-Sep	-	Quiz #1, no lab assignment	-----
24-Sep	2(a)	Atomic spectroscopy (part a)	15-Oct
1-Oct	2(b)	Atomic spectroscopy (part b)	15-Oct
8-Oct	-	Quiz #2, no lab assignment	-----
15-Oct	3(a)	Vib-rot spectrum of a diatomic molecule	29-Oct
22-Oct	-	DKL away -- no lab assignment	
29-Oct	3(b)	Vib-rot spectrum of a polyatomic molecule	12-Nov
5-Nov	-	Quiz #3, no lab assignment	-----
12-Nov	4(a)	Fluorescence spectroscopy	3-Dec
19-Nov	4(b)	Ozone photochemistry	3-Dec
26-Nov	-	Quiz #4, no laboratory assignment	-----
3-Dec	5(a)	X-ray diffraction	10-Dec
10-Dec	5(b)	-----	-----