

Chem 3420: Physical Chemistry II — Spring 2009
Revised Lab Schedule

		Group			
Week	Date	A	B	C	D
1	20-Jan	Introduction & Organization			
2	27-Jan	Exp 1	Exp 2	Exp 4	
3	3-Feb		Exp 1	Exp 2	Exp 3
4	10-Feb	Exp 3		Exp 1	Exp 6
5	17-Feb	Exp 2	Exp 3		Exp 1
6	24-Feb	Exp 4		Exp 3	
7	3-Mar	Discussion - Room TBA			
8	10-Mar	Exp 5	Exp 6	Exp 7	Exp 2
9	24-Mar	Exp 6	Exp 7	Exp 5	Exp 5
10	7-Apr	Exp 7	Exp 5	Exp 6	Exp 7
11	14-Apr	Project			
12	21-Apr				
13	28-Apr				

Experiment

- 1 Synthesis and characterization of biodiesel (2 wk)
- 2 Kinetics of the bromination of acetone
- 3 Kinetics of consecutive reactions
- 4 Phase diagrams: thermal analysis
- 5 Conjugated molecules
- 6 Quantum dots
- 7 Vibrational spectroscopy (IR)