

## Grading Guidelines for NMR/ESR Experiments in 5.33

### **NMR – 20 points**

- 8: Preparation & Technique - no pre-lab handed in, but you must be familiar with theory in the lab packet. Also know what experiments you are going to do and what you wish to learn about the equilibrium.
- 6: Data Analysis- A date will be arranged to review what you need to do, although everything is already in the packet.
- 6: Oral report- Anything involved with the experiment is fair game; know the theory of the analysis and be able to defend the experiment and your results.

### **ESR – 10 points**

- 2: Preparation & Technique - no pre-lab, but you need know the principles, goals, and methods of the experiment
- 4: Data analysis- please see the lab packet, but don't be afraid to take it a step farther.
- 4: Oral report-- Anything involved with the experiment is fair game; know the theory of the analysis and be able to defend the experiment and your results.