

Chem 268, Spring, 2014

Reports are generally due **BY NOON** on the Monday following the next lab meeting. Note that several of the experiments are multi-week experiments. For these, one report will be submitted.

One-week experiments are worth 10 points, two-week experiments are worth 20 points and three-week experiments are worth 30 points.

Lab format: Please note that structures must be included in reports and must always be drawn using structure-drawing software. The “Experimental” section of the report should be written in the style of the Journal of the American Chemical Society or the Journal of Organic Chemistry and must include synthesis and spectroscopic data. Use the “Notebook and Report Examples” on the course website as a template.

See the handout, “Schedule of Experiments” for more detailed information on each experiment.

Experiment	Experiment date	Report Due date	Points
EH&S and Check-in	Jan 23		
Literature Search		Jan 23	10
1 Nitration	Jan 30	Feb 10	10
2 Ferrocene	Feb 6	Feb 18 (Tues)	10
3 Grignard	Feb 13, 20, 27	Mar 10	30
4 Esters	Mar 6, 13	Mar 31	10
5 Aromatic Resonance	Mar 13-Mar 30	Mar 31	10
6 Multi-step Synthesis	Mar 27, Apr 3, 10	Apr 22 (Tues)	30
7 Luminol	Apr 10	Apr 22 (Tues)	10
8 Qual Org Unk	Apr 17, 24	May 1	20
			140 points total

OWL assignments: Esters and Qual Org Unk. Deadlines will be given in OWL.