

**CHEMISTRY 111**  
**LABORATORY SCHEDULE**  
**Spring 2009**

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**TEXTBOOKS:** All laboratory worksheets and handouts are available on the Blackboard website. Students should obtain hard copies of all handouts and bring them to lab on the appropriate dates.

**REQUIRED EYE PROTECTION:** Students must wear the approved goggles issued by the department *at all times in the laboratory*—**NO EXCEPTIONS.**

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Week of:	EXPERIMENT
1. Jan. 12 <sup>th</sup>	<b>CHECK-IN / SAFETY ORIENTATION</b> : Safety in the Laboratory; Glassware & Equipment/Data Representation and Recording
2. Jan. 19 <sup>th</sup>	<b>MLK Birthday (Monday, January 21<sup>st</sup>) - NO LABS!</b>
3. Jan. 26 <sup>th</sup>	Significant Figures and Measurement of Density
4. Feb. 2 <sup>nd</sup>	Paper Chromatography: Separation of Inks in Pens
5. Feb. 9 <sup>th</sup>	Classifying of Solid Substances
6. Feb. 16 <sup>th</sup>	Molecular Models
7. Feb. 23 <sup>rd</sup>	Water of Hydration
8. March 2 <sup>nd</sup>	<b>LAB MIDTERM EXAM</b>
9. March 9 <sup>th</sup>	<b>Spring Break</b>
10. March 16 <sup>th</sup>	Law of Multiple Proportions
11. March 23 <sup>rd</sup>	A Series of Copper Reactions
12. March 30 <sup>th</sup>	Gravimetric Detn. of Sulfate
13. April 6 <sup>th</sup>	Measurement of pH of Solutions
14. April 13 <sup>th</sup>	Titration of Vinegar/ <b>CHECK OUT</b>
15. April 20 <sup>th</sup>	<b>LAB FINAL EXAM</b>

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**\*FAILURE TO CHECK OUT MAY RESULT IN A FAILING GRADE FOR THE ENTIRE SEMESTER.**

**Grading:** Lab grades are calculated as a weighted average in which the lab exercises comprise 70%, and the Midterm and Final Exams comprise 15% each. The weighted average is used to assign grades based on the distributions indicated below:

**> 90% = A; > 80% = B; > 70% = C; > 60% = D; < 60% = F**