

CHEMISTRY 112 LABORATORY
(Spring 2009)

Proper eye protection must be worn by **EVERYONE** working in lab, **AT ALL TIMES**. There will be twelve separate experiments worth approximately 10 points apiece.

You are responsible for reading each experiment thoroughly before coming to lab.

For some of the experiments you will need a Texas Instruments Calculator Based Laboratory (CBL) interface. To use this interface you will need a Texas Instruments graphing calculator (TI-83+/TI-83+SE or TI-84+/TI-84+SE recommended) and the link cable that comes with the calculator.

Missing more than three labs results in an automatic **F** for the entire course.

There will be a comprehensive lab exam on April 23 at 12:00 noon. It will consist of a written and a practical part and be worth 80 points.

Jan. 15	How Does the Nose Know
Jan. 22	Polymers
Jan. 29	Functional Group Tests
Feb. 5	Stereochemical Isomers
Feb. 12	Determining the Concentration of Reducing Sugars and Nonreducing Sugars in Gatorade® By Colorimetric Analysis
Feb. 19	Ester Derivatives of Salicylic Acid
Feb. 26	Glycerophospholipids and Steroids
March 5	Lab will not meet the week of SPRING BREAK
March 12	Paper Chromatography of Amino Acids
March 19	Testing For Proteins in Milk and Eggs
March 26	Brown Apples and Black Potatoes: Factors Affecting the Catalysis of Enzymes
April 2	Protein Synthesis
April 9	Extraction of DNA and RNA
April 16	Review for Lab Exam
April 23	Lab Exam