

George Mason University
CHEMISTRY 211
Laboratory Syllabus
Spring 2008

Laboratory Manual: Suzanne Slayden, 1999, Chemistry 211, 212, 251 Laboratory Experiments, 3rd Edition, GMU Bookstore, Johnson Center.

Web Site is the menu item "handouts" on the GenChem results web page.

Week of	Laboratory Experiment / Exercise	Pages
Jan. 21	Labs will not meet this week	
Jan. 28	Check-in, Lab Safety	1-4
Feb. 4	Measurements, Data Handling	5-12, 19-21
Feb. 11	Empirical Formula of Zinc Iodide	31-35
Feb. 18	Synthesis of a Coordination Compound	113-120
Feb. 25	Chemical Interactions	Web Site
Mar. 3	Density of Solutions	23-29
Mar. 10	Spring Break—No Labs This Week	
Mar. 17	Gases	Web Site
Mar. 24	Hess' Law, Thermochemistry	75-83
Mar. 31	Solution Standardization--Titration of Vinegar	67-74
Apr. 7	Make-up Week, If Necessary	-----
Apr. 14	Absorption Spectroscopy	37-48
Apr. 21	VSEPR Theory and Molecular Modeling	99-105
Apr. 28	Clean up and Check Out	

THERE ARE NO MAKE-UP LABS IN CHEMISTRY 211. In the event of an unavoidable absence, the instructor must be notified as soon as possible to obtain approval for attending another lab section. If no prior notice of the absence is given to the instructor, then a grade of zero will be given for the missed lab. A student cannot receive a passing grade in this course unless at least ten of the lab sessions are attended and satisfactory reports handed in on time. Attending a lab session and not performing the experiment does not constitute completing an experiment. Dry-labbing (analyzing data that you did not collect) is an honor code violation and will be dealt with accordingly.

ATTENDANCE AT THE LAST LABORATORY MEETING IS REQUIRED