

State University of New York at Stony Brook
Department of Chemistry

Lecture: Mondays: 12:50 – 2:10PM , Rm 100, Javits Lecture Hall

Lab: Wednesdays: 2:20 PM, Rm 319, Old Chem. Bldg.

Lec	Lab	Exercise	Module #	*Page #
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8/31	9/09	Check-in, Discussion of course requirements, goals and methods. View safety video. COMPLETE SAFETY QUIZ	SUSB-001, 002	17-24
9/14	9/16	Introduction to Laboratory Measurements	SUSB-003, SUPL-001	A.1 – A.10
9/21	9/23	Food Dyes: Spectroscopy and Beer's Law. CHECK NOTEBOOKS	SUSB-037, SUPL-004 SUPL-005	A14 – A.16 406
9/28	9/30	No Lecture/No Lab (Rosh hashana Holiday)		
10/05	10/07	Identification of Food Dyes by Paper Chromatography. TEST EXERCISE BRING YOUR OWN M&Ms	SUSB-009	555
10/12	10/14	QUIZ I: Preparation of an Alum	SUSB-030	140- 147
10/19	10/21	Identification of Household "Chemicals". TEST EXERCISE	SUSB-004	164 – 166
10/26	10/28	Reduction of Vanillin to Vanillyl Alcohol - IR studies	SUSB-039 SUPL-005	A.26 – A.30 392, 79 – 81
11/02	11/04	QUIZ 2, Acid content of fruit Juices and soft drinks. BRING YOUR OWN BEVERAGE	SUSB-010	171 – 180 190 – 202
11/ 09	11/11	Strength of vinegar by acid-base titration. TEST EXERCISE	SUSB-011	171 – 180 190 – 202
11/16	11/18	Analysis of a Mixture of Sodium Hydrogen Carbonate and Sodium Chloride Mixture. (Part 1)	SUSB-054	146, 445 – 460 734 – 735
11/23	11/25	No Lecture/No Lab/Thanksgiving		
11/30	12/02	Analysis of a Mixture of Sodium Hydrogen Carbonate and Sodium Chloride Mixture. (Part 2) . TEST EXERCISE	SUSB-054	
12/07	12/09	QUIZ III-Comprehensive, Clean up and Check Out from Laboratory		

Page #s in text for CHE 131, "CHEMISTRY: The Molecular Science" by Moore, Stanitski, and Jur

Lab Manual: "Introductory Chemistry Laboratory Manual. CHEMISTRY 133", by State University of New York @ Stony Brook

Other Material: a) Safety goggles, which must be worn in lab at all times; b) a padlock to be used to secure drawer throughout the semester; c) a bound notebook with numbered pages for use in recording observations and data in the lab; d) a terry towel to dry glassware. All available at University Bookstore.