

State University of New York at Stony Brook
Department of Chemistry

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

Lab: **Tuesdays:** 9:50 AM, Rm 319, Old Chem. Bldg.

Lec	Lab	Exercise	Module #	*Page #
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9/04	9/08	Check-in, Discussion of course requirements, goals and methods. View safety video. COMPLETE SAFETY QUIZ	SUSB-001, 002	17-24
9/11	9/15	Introduction to Laboratory Measurements	SUSB-003, SUPL-001	A.1 – A.10
9/18	9/22	Food Dyes: Spectroscopy and Beer's Law. CHECK NOTEBOOKS	SUSB-037, SUPL-004 SUPL-005	A14 – A.16 406
9/25	9/29	No Lecture/No Lab (Rosh hashana Holiday)		
10/02	10/06	Identification of Food Dyes by Paper Chromatography. TEST EXERCISE BRING YOUR OWN M&Ms	SUSB-009	555
10/09	10/13	QUIZ I: Preparation of an Alum	SUSB-030	140- 147
10/16	10/20	Identification of Household "Chemicals". TEST EXERCISE	SUSB-004	164 – 166
10/23	10/27	Reduction of Vanillin to Vanillyl Alcohol - IR studies	SUSB-039 SUPL-005	A.26 – A.30 392, 79 – 81
10/30	11/03	QUIZ 2, Acid content of fruit Juices and soft drinks. BRING YOUR OWN BEVERAGE	SUSB-010	171 – 180 190 – 202
11/ 06	11/10	Strength of vinegar by acid-base titration. TEST EXERCISE	SUSB-011	171 – 180 190 – 202
11/13	11/17	Analysis of a Mixture of Sodium Hydrogen Carbonate and Sodium Chloride Mixture. (Part 1)	SUSB-054	146, 445 – 460 734 – 735
11/27	11/24	No Lecture/No Lab/Thanksgiving		
11/20	12/01	Analysis of a Mixture of Sodium Hydrogen Carbonate and Sodium Chloride Mixture. (Part 2) . TEST EXERCISE	SUSB-054	
12/04	12/08	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.