

## Syllabus/Chemistry 1102/1152 K Laboratory Schedule and Grading Scheme

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When sending an email to Dr. Wang, used your GSU account to prevent your Gmail, Hotmail etc going to span box. Under the subject heading, please state CHEM 1152-Lab.

**LAB DAY AND TIME:** Meets on Wednesdays 11:00 -11:45 in 218NSC, immediately after prelab lectures experimental part will take place in 348 NSC from 11:45 -1:30.

**Office Hours:** Mondays and Wednesdays from 9:00 am -10:30 am by appointment.

**Text:** GSU Lab manual (to be handed out at first lab lecture).

A course outline, schedule of activities, grading, etc., is included in the lab manual.

Week	Exp.#	Title	Page	Date
1		Safety Video and Check in		Jan. 10
2	<u>1</u>	Molecular Conformations/Structural and Geometric Isomerism	27	Jan. 24
3	<u>2</u>	Density Measurements and Specific Gravity	39	Jan. 31
4	<u>3</u>	Determination of Some Physical properties of Org.Compds.	47	Feb. 7
5	<u>4</u>	Titration of an Antacid	57	Feb. 14
6	<u>5</u>	Characterization of Purified and Commercial Aspirin	67	Feb. 21
		<i>Midpoint – Last day to withdraw</i>		<i>Feb. 27</i>
7	<u>6</u>	Stereoisomerism	75	Feb. 28
8	<u>7</u>	Characterization And Hydrolysis of Carbohydrates	87	Mar. 7
		<i>Spring Break ☺</i>		
9	<u>8</u>	Saponification of Lipids	101	Mar. 21
10	<u>9</u>	Proteins: Characterization and Denaturation	107	Mar. 28
11	<u>10</u>	Enzymatic catalysis	119	Apr.4
12		***Review/and check out(cumulative 10pts bonus quiz)		Apr. 11
13		Laboratory Final Exam		Apr. 18

### **Grading**

The lab grade is 25% of the total credit available for the course. Laboratory grades are calculated as follows:

	Max. Possible points:
Summary and / or Pre-lab quizzes (10pts) ***	20
Laboratory Work Questions and Calculations (12 each)	120
*Laboratory Final Exam	60
<b>**Total</b>	<b>200</b>

**\*\*\*The Instructors' discretion.**

\*Required in order to receive a passing grade in the course.

\*\*Total points earned in lab cannot exceed 200 points and are based on the assumption that a well-prepared, conscientious student should expect to average ~170 points (85%).