

# CHEMISTRY 103

## Chemistry: It's Role in Society

Fall 2009

URL <http://www.southalabama.edu/chemistry/laboratories.html>

Week/Experiment	Date	Topic
1	Aug 18	Check-in
2/	Aug 26	Orientation/Safety *
3/Expt. 2	Sept 1	Chromatographic Study of Felt -Tip Pen Inks
<b>HOLIDAY</b>	<b>Sept 7</b>	<b>LABOR DAY</b>
4/Expt. 1	Sept 8	Preparation and Properties of Gases in a Breath
5/Expt. 7	Sept 15	Chemical Moles: Converting Baking Soda to Table Salt
6/Expt. 3	Sept 22	Visibly Delighted: A Spectrophotometric Study of Colored Solutions
7/Expt. 11	Sept 29	Comparison of the Energy content of Fuels
8/Expt. 16	Oct 6	Reactions of Acids with Common Substances
9/Expt. 13	Oct 13	Analysis of Vinegar
10/Expt. 14	Oct 20	Measurement of Water Hardness
<b>NOTE</b>	<b>Oct 23</b>	<b>Last Day to Drop</b>
11/Expt. 27	Oct 27	How Much Fat is in Potato Chips and Hot Dogs?
12/Expt. 26	Nov 3	Synthesis of Aspirin
13/Expt. 25	Nov 10	Identification of Analgesic Drugs by Thin-Layer Chromatography
<b>14/ 20</b>	<b>Nov 17</b>	<b>Check-out of Laboratory**</b>

**\*\*RETURN YOUR CHECK-OUT SHEET TO THE STOCKROOM AND GET YOUR LAB RECORD CLEARED OR YOU WILL BE CHARGED A \$50.00 PENALTY FEE.**

**NOTES:** \*1. YOU MUST ATTEND THE SAFETY ORIENTATION SESSION BEFORE BEING ALLOWED TO WORK IN THE LABORATORY.

2. Each student must secure the assigned drawer with a padlock by the 3<sup>rd</sup> lab meeting.

3. Payment of *fees* must be completed **BEFORE 5:00 PM, Tuesday, Dec. 1, 2009.**

\*\*4. Check-out is to be completed on/before the last day that YOUR lab section meets. Return Check-out Sheet to stockroom to complete check-out.