<table>
<thead>
<tr>
<th>Work Week</th>
<th>Assignment*</th>
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<tr>
<td>August 17 – 20</td>
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<tr>
<td>August 24 – 27</td>
<td>Orientation**</td>
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<td>Check-in</td>
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<tr>
<td>August 31 – September 3</td>
<td>Exp. 1 – Synthesis of Cobalt Oxalate Hydrate</td>
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<td>September 7 – 10</td>
<td>Exp. 2 – Preparations for Performing Exp. 3</td>
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<td>September 14 – 17</td>
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<td>September 21 – 24</td>
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<td>Mixture of Isopropyl Alcohol and Water</td>
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<td>Report due – Exp. 3</td>
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<td>September 28 – October 1</td>
<td>Exp. 6 – Extraction of Aqueous Iodine with Mineral Oil</td>
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<td>October 5 – 8</td>
<td>Exp. 7 – Hydrolysis of Salts</td>
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<td>October 12 – 15</td>
<td>Exp. 8 – pH and Spectrophotometric Study of the</td>
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<td>Concentration of Phosphoric Acid in Cola Drinks</td>
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<td>October 20 – 22***</td>
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<td>Exp. 9 – Freezing Point Depression</td>
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<td>November 2 – 5</td>
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<td>November 9 – 12</td>
<td>Exp. 11 – Job’s Method for Determining the</td>
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<td>Stoichiometric Ratio of a Reaction</td>
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<td>November 16***</td>
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*The text for Chem 1312 is Laboratory Experiments for General Chemistry, ’04 – ’05 custom edition, by T. F. Block and G. M. McKelvy (Brooks Cole/Thomson Learning). All experiments, except the Handout Experiment, are taken from this book.

**All orientations will be held in room 27 ChemAnnex. If your lab will normally meet from 12:05 pm until 2:55 pm, report to Lab 27 at 12:05 on your lab day during orientation week. If your lab will normally meet from 3:05 pm until 5:55 pm, report to Lab 27 at 3:05 on your lab day.

***Classes are cancelled on Monday and Tuesday, October 18th and 19th and on Thursday and Friday, November 25th and 26th. Students in Tuesday labs will perform Exp. 16 on November 16th; students in Wednesday, Thursday, and Friday labs will perform Exp. 16 during the week of October 18th. The report will consist of the completed data sheets that will be handed in at the end of lab on the day the experiment is performed.

Policies for Laboratory Work

1. Come to lab in appropriate attire. You will not be permitted to work in lab without safety glasses (or goggles) and closed shoes. Prescription glasses that don’t have side shields and top shields do not qualify as safety glasses. You are urged to wear clothing that will protect your arms, legs, and back. Wearing a lab apron is highly recommended.
2. Know the location of the fire extinguishers and eye washes in your laboratory.
3. Do not eat, drink, or smoke while you are in the lab. If you wish to leave the room for any reason, extinguish all flames or have another student watch your apparatus for the duration of your absence.
4. You are expected to attend each meeting of your lab section. Missed work may be made up only if the absence was unavoidable in the opinion of your lab instructor. Make-up work should be done as soon as possible after your return to school. Ask your lab instructor if you can do the work in his/her other section. If that is not possible, your lab instructor will give you a PERMIT CARD that he/she has signed. Present the card to the lab instructor in whose class you will be doing the make-up work. He/she will countersign the card and return it to you. Attach the signed and countersigned card to the lab report that you submit to your own instructor. If your instructor does not feel that your absence was justified, or if the missed work is not made up promptly, you may receive a grade of “zero” for the experiment(s) you missed.
5. Come to class prepared to work. Study the scheduled experiment(s) prior to the scheduled class meeting. Bring your laboratory manual (in which the work for the current term has not been done) with you each week.
6. Maintain a balance of $30 on your BuzzCard. This money must be available so that you can use your BuzzCard to pay for breakage, safety glasses rental, or equipment loss.
7. Your lab instructor may specify that students work in pairs or in larger groups for certain experiments. Whether that is the case or not, all reports must be prepared independently by each student.
8. Due dates for laboratory reports are specified on the lab schedule. Late work may incur a penalty; extremely late work may not be accepted. The lab instructor will provide details on preparing lab reports and will also specify his/her grading criteria.
9. Before you leave the lab each week, be sure you have performed your assigned clean-up tasks. Return all borrowed equipment to the place from which it was obtained (the stockroom, the instrument room, a lab hood, or the supply cart). Make sure that you have placed all of your kit apparatus in your drawer and that you have secured your drawer. It is a good idea to wash your hands after you have worked in lab.
10. If, for any reason, you drop your chemistry course, you must check out of lab. Do so as soon as you drop the course. Your lab instructor will explain the procedure. Make certain he/she signs your apparatus list and returns it to you. Keep the sheet as proof that you have checked out of lab. Failure to check out of lab will result in a hold being placed on your registration. Such a hold would be cleared by payment of a fee at the stockroom. This fee will be charged against your BuzzCard.