<table>
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<tr>
<th>Week</th>
<th>Dates</th>
<th>Experiment</th>
<th>Pre-lab ques</th>
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<tr>
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<td>Sept. 8 (Tu)</td>
<td>Lab Orientation in SGM 124</td>
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| 2    | Sept 9-10 (W, Th) | Check-in for Wed and Thurs labs  
Bring goggles, lab attire |              |     |
| 3    | Sept. 14-17 | 1: Equilibrium  
(Mon lab does both check-in and exp 1) | x            |     |
| 4    | Sept. 21-24 | 2: Kinetics  
drop deadline (w/o W) = Sept. 25 | x            |     |
| 5    | Sept. 28 - Oct. 1 | 3: Group I Cations  
E1 deadline | x    | x  |
| 6    | Oct. 5-8    | 4: Group III Cations  
E2 deadline | x    | x  |
| 7    | Oct. 12-15  | 5: Weak Acid Dissociation Constant  
E3 deadline | x    | x  |
| 8    | Oct. 20 (Tu) | 30-min cumulative lab quiz 1  
covering exp. 1-4 |              |     |
| 8    | Oct. 19-22  | 6: Titration Curves  
Theoretical considerations | x            |     |
| 9    | Oct. 26-29  | 7: K_{sp} of Tartrate  
Biphasic studies | x            |     |
| 10   | Nov. 2-5    | 8: Spectroscopy: Beer’s Law  
(Read graphing handout) | x            |     |
| 11   | Nov. 10 (Tu) | 30-min cumulative lab quiz 2  
covering exp. 5-8 |              |     |
| 11   | Nov. 9-12   | 9: Faraday Determination |              |     |
| 12   | Nov. 16-19  | 10: Inorganic Synthesis |              |     |
| 14   | Nov. 23-25  | Thanksgiving break Thurs and Fri:  
no labs this week  
W drop deadline = Nov. 25 |              |     |
| 15   | Nov. 30 - Dec. 3 | Check-out  
Evaluation of your TA and experiments |              |     |

Point distribution:

| Per experiment | Pre-write-up and lab participation:  
Title, Purpose, Reactions, Flow chart, MSDS table,  
Answers to prelab questions (exp 1-8)  
Execution of experiment | 5 |
|----------------|---------------------------------------------------------------------------------|---|
|                | Post-writeup:  
Observations, data, calculations, results, discussion | 3 |
|                | TA evaluation (including safety and housekeeping) | 2 |
|                | total | 10 points |
| Per semester   | 10 experiments at 10 points each | 100 |
|                | Lab quizzes | 100 |
|                | Total (will be normalized to 160 pts toward course total) | 200 points |

Note: Safety in the labs is of utmost importance. Goggles must be worn at all times while in the lab. Safety rules are described in the lab manual. Consequences for unsafe, irresponsible behavior range from point deductions to exclusion from the lab.