Grading Sheet 106 Group Lab Reports (20 points total)  

Fall 2007

Report: _____________________________

Format (automatic one-half, 1/2, point deduction for each requirement not met. Deducted from each student score)

_ Numbered Reference List  _ Cover Page  _ Title  _ Author List
_ Reference Numbers in Text  _ Double Spaced  _ Figure and Table Captions  _ Page Numbers

By Section Below (Points are suggested maximum deductions, each section is graded out of 20 points)

Writing (applies to each section)
Spelling/Grammar (some -3, many -4, unreadable -16), Vocabulary (-3), Tense Consistency (-3), Not using passive voice (-3), Poor organization (-3), missing references (-1)

Introduction  Responsible Student Name:_________________________________________
Writing deductions:__________________________________________________________________________
Missing: goal or what may be learned from experiment (-3), what hypothesis is being tested(-3), background of experiment (-4). Balanced chemical equations missing where appropriate (-4)
Comments on Introduction:

Experimental  Responsible Student Name:_________________________________________
Writing deductions:__________________________________________________________________________
Missing: reagents (-3), equipment manufacture names and pertinent specifications (-3)
Procedures followed: cannot reproduce work from description (-10), could reproduce work from description after some experimentation or research (-5), could reproduce work from description but some parts are unclear (-3), easy to reproduce work from description (-0).
Comments on Experimental:

Results  Responsible Student Name:_________________________________________
Writing deductions:__________________________________________________________________________
Missing Data (up to -10), Data displayed appropriately using graphs and tables (up to -5)
Equations and Calculations: Symbols/variables not defined (up to -5), Units missing (up to -5), Significant digit errors (-3), Sample calculation(s) missing (-5)
Comments on Results:

Discussion/Conclusions  Responsible Student Name:_________________________________________
Writing deductions:__________________________________________________________________________
Missing: what was learned (-10), comparison with previous experiments from literature classmate data(-8)
Missing discussion of: hypothesis (is alternative suggested) (-4), error sources (-4)
Suggestions for improvement of the experiment are not required, but are nice.
Comments on Discussion/Conclusions:

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw Point Score (20 - total deductions)</td>
</tr>
<tr>
<td>Group Weighted Score</td>
</tr>
<tr>
<td>0.75\times raw + 0.25\times (average of partner's raw)</td>
</tr>
<tr>
<td>Credit Fraction</td>
</tr>
<tr>
<td>1.00 - (days late\times 0.10), or 0 if 1 week or more late</td>
</tr>
<tr>
<td>Final Score (Group Weighted\times Credit Fraction)</td>
</tr>
</tbody>
</table>