REQUIREMENTS FOR EACH EXPERIMENT

Prelab Write Ups (20 points):

Read the experiment carefully before coming to the lab and write one page of report to be handed to your TA before taking your prelab quiz. In the report briefly state;

1) The purpose of the experiment
2) What measurements will be done
3) How these measurements will be done
4) How the results will be calculated

In lab Questions (5 points):

Number the answers including subdivision that may exist. If the question has parts a) and b), the answers should not be together but labeled and answered separately. In lab questions must be handed to your TA or the instructor at the end of the experiment, before leaving the lab, otherwise they will not be accepted.

Data Collected:

Hand in a copy of the primary data collected during the experiment to the TA BEFORE leaving the lab on the day of experiment is performed. These data will consist of entries you made in your lab notebook and any printouts of data you have.

Lab Reports (125 points):

These reports will be submitted to your TA or instructor one week later upon the completion of the experiment. Reports must demonstrate your own understanding of the scientific work. You may not paraphrase or use other students’ reports in the preparation of your own reports. Otherwise actions will be taken due to academic dishonesty. Furthermore, data analysis will be used in the preparation of the lab report.
Complementary Documents to Lab Reports (50 points):

Submission of the lab reports must be accompanied by the complementary documents of the related experiment: sample calculations, uncertainty analysis (two extensive uncertainty analysis is required throughout the semester: acid dissociation and adsorption from solution) and report questions.