Guidelines for correcting lab reports in the course Introduction to Research in Chemistry 2021

The following is a guideline for those who are evaluating reports from student groups in the first-year chemistry course: Introduction to Research in Chemistry 2020. Please read this before correcting student reports.

Their written report, together with the oral presentation of it in the last week of the course, forms the exam in this course (graded pass or fail). It is therefore important that we use the same set of criteria to evaluate all reports.

The **learning outcomes** state that the students should be able to account for the theory behind the performed experiment, describe the function and use of instruments, collect data and write a report.

The students only have two weeks for the exercise, so remember that they will not be experts. They are also less than one year into their studies, so for many reasons this is *NOT* a bachelor report. However, they will have learned how to construct a report with the main ingredients such as abstract, introduction, experimental section, and then a results/discussion/conclusion section. They have also learned how to search for relevant literature and cite it using Endnote. I have restricted the extent of the report to 8 pages incl. figures and references.

Your job as evaluator is therefore to make sure that the students have:

- submitted a report, which has the right overall structure.
- shown that they understand and can explain in writing some of the theory behind the project.
- cited relevant literature and that the reference layout is correct.

You are **not** supposed to make a very detailed word-for-word peer review, but instead an overall rapid assessment of whether these three points have been addressed properly.

In addition to correcting the report, I hope that you will invest **15-30 minutes in providing the students oral feedback on their report and lab work**. This is extremely valuable for them.

The *students* have the following deadlines for handing in the reports to you:

- Report due May 7th, 10am

I hope you will be able to notify me about pass/fail within a few days after these deadlines.

In case of doubt, feel free to contact me.

Regards,

Jacob