

TFS Formal Laboratory Write-up Format

Follow format as it is presented below. Your report should exactly like this paper when you are finished. **Use roman numerals for each section along with the section title.**

- I. **Title:** The title of an experimental write-up must be original, creative, and relevant. Titles are placed on the top line of the write-up and are capitalized. (usually are written after lab report is finished)
- II. **Purpose/Problem/Question:** Every laboratory experience may have several purposes or reasons for conducting the experiment. New skills or techniques may also be included.
- III. **Hypothesis:** It predicts the outcome of the experiment or observations based on scientific reasoning.
- IV. **Safety:** All general safety precautions that apply to every laboratory experience must be documented in this section. Specific safety issues for an experiment need to be noted here. (Use of goggles, aprons, etc...) (Do not ingest _____. Or handle glassware with care.)
- V. **Materials:**
 - Make a complete list of all the supplies and equipment necessary to complete the experiment.
- VI. **Procedure:**
 1. Describe in steps the procedure to be followed in order to perform the experiment.
 2. Steps should be numbered and limited to one or two sentences per step.
- VII. **Data/Results:** Include any observations made during the experiment, **tables** or graphs that incorporate important data, or calculations needed to find solutions.
- VIII. **Conclusion:** This section should include an overall reflection of what occurred during the experiment. Restate the hypothesis and explain how the results of the experiment affected the hypothesis. Also include any answers to conclusion/analysis questions in the format of an extended response (6-8 effective sentences). Focus on key terminology and questions provided.