



Laboratory Report Format

A laboratory report should be prepared for each of the laboratory exercises using the format outlined below, unless otherwise directed by the instructor. The laboratory reports will be graded by your instructor and returned to you to serve as a record of your experience and observations.

- I. Objective – describe in a sentence or two the objective of the laboratory exercise.
- II. Procedure – reference the procedure in the Student Laboratory Manual, including the page number(s) it appears on. Do not re-write the procedure; it is only necessary to note any deviations from the referenced procedure.
- III. Results – Include result data sheets provided in the Student Laboratory Manual. Show sample calculations and provide calibration curves¹ plotted on graph paper as required.
- IV. Discussion – Provide a brief and concise discussion of relevant concepts and observations (in a few sentences). The purpose of this discussion is to provide you a useful reminder of your experience conducting this exercise for future reference.

A title page should be prepared for each laboratory exercise and serves as the cover page for each report. It should include the title of the laboratory exercise (e.g., Calibration of a Limiting Orifice) centered on the upper portion of the title page, and in the lower right portion of the title page the student's name, course number, group number, and date.

¹ All calibration curves should be labeled with all pertinent information—i.e., date, analyst's name, instrument serial number(s), temperature, and pressure.