

FHSU CORE Outcome Rubric

Objective 2.1: Knowledge of the Liberal Arts Course: CHEM 120L University Chemistry I Laboratory

Students will possess a broad understanding of how to think about the world, having studied the modes of inquiry characteristic of humanities, mathematics, natural sciences, and social and behavioral sciences.

Outcomes 2.1-D: Natural Scientific Mode of Inquiry (lab course)

By graduation students will:	Not Proficient	Developing Proficiency	Proficient	Exceeding Proficiency
3. Apply scientific methodology to a natural science question to increase understanding, make an informed decision, and/or solve a problem.	Student scores an average of 0-59% on laboratory reports.	Student scores an average of 60-79% on laboratory reports.	Student scores an average of 80-89% on laboratory reports.	Student scores an average of 90-100% on laboratory reports.

Assignments meeting CORE Outcome 2.1-D3: Report Subtotals from the laboratory reports will be used to compute the average score for measuring this outcome since the administrative points loss portion (lateness of report, missing student information, etc.) are not elements that contribute to the assessment of the outcome.

- Lab Report Grading Scoring rubric of each lab is attached.
- Examples of a laboratory experiment handout, including the lab report sections, and its scoring guides are attached (Lab 04 – Concentrations and Colorimetry).