

## FHSU CORE Outcome Rubric

### Objective 2.1: Knowledge of the Liberal Arts

Course: CHEM 105 Introduction to the Chemistry 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 Experiment Raw Scores.	Student scores an average of 60-79% on Experiment Raw Scores.	Student scores an average of 80-89% on Experiment Raw Scores.	Student scores an average of 90-100% on Experiment Raw Scores.

**Assignments meeting CORE Outcome 2.1-D3:** Experiment Raw Scores of the Laboratory Reports. Only the Experiment Raw Scores portion of the laboratory reports will be used to compute the average score for the assessment of 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.

An example of a laboratory experiment handout including the report sections is attached (105-12: Synthesis of Aspirin).