

Table 3. FHSU CORE Outcome Rubric

Objective 2.1: Knowledge of the Liberal Arts

Course: CHEM 100 The Chemist's View of the World

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 (lecture course)

By graduation students will:	Not Proficient	Developing Proficiency	Proficient	Exceeding Proficiency
<i>1. Identify essential characteristics of natural science questions (questions of empirical study and applications of scientific methodologies).</i>	Student earns Novice-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Research Objective and Questions (c); Research Methodology (d).	Student earns Apprentice-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Research Objective and Questions (c); Research Methodology (d).	Student earns Proficient-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Research Objective and Questions (c); Research Methodology (d).	Student earns Master-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Research Objective and Questions (c); Research Methodology (d).
<i>2. Evaluate the merits of examples of natural scientific research at the level of an informed citizen.</i>	Student earns Novice-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Author Interpretation, Merit (f); Presentation of Research (g); Depiction of Scientific Research in News Story (h).	Student earns Apprentice-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Author Interpretation, Merit (f); Presentation of Research (g); Depiction of Scientific Research in News Story (h).	Student earns Proficient-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Author Interpretation, Merit (f); Presentation of Research (g); Depiction of Scientific Research in News Story (h).	Student earns Master-level marks on Synopsis of Paper 2 (Final) Grading Rubric criteria: Author Interpretation, Merit (f); Presentation of Research (g); Depiction of Scientific Research in News Story (h).

The assignment meeting CORE Outcome 1: Synopsis of Paper 2 (Final) Rubric criteria c, d

The assignment meeting CORE Outcome 2: Synopsis of Paper 2 (Final) Rubric criteria f, g, h