

Gen Ed Rubric

SLO: Students will demonstrate understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis.

Level:	Description:
Completely Correct (CC)	<ul style="list-style-type: none"> • The student demonstrates the ability to interpret the problem, parameters, and/or other specific information given • The student uses the information given to form a hypothesis based on an evaluation of the evidence • The interpretation(s) and inference(s) completely and accurately represent the model and a correct solution is found
Generally Correct (GC)	<ul style="list-style-type: none"> • The student demonstrates the ability to interpret the problem, parameters, and/or other specific information given. There may be minor flaws in the student's interpretation. • The student uses the information given to form a hypothesis based on an evaluation of the evidence. The hypothesis may have minor flaws. • The interpretation(s) and inference(s) completely and accurately represent the model and a mostly correct solution is found.
Partially Correct (PC)	<ul style="list-style-type: none"> • The student makes no appropriate attempt to interpret the problem, parameters, and/or other specific information given in the model due to major conceptual misunderstandings. • The student attempts to use the information given to make the required inference(s) and/or interpretation(s) but lacks a clear understanding of how to do so. • The interpretation(s) and/or inference(s) are incomplete or inaccurate due to a major conceptual flaw.
Incorrect Solution (IC)	<ul style="list-style-type: none"> • The student cannot demonstrate an ability to interpret the problem. • The student cannot use the given information to correctly interpret the problem. • The solution is incorrect.