

## Problem Solving

Level of Accomplishment	Expert (Graduate or Professional Level Work)	Outstanding (Above Average)	Meets Expectation (Average Performance Level)	Below Expectation	Information Not Present
	Rarely but occasionally seen in an undergraduate student	Met the expectation but also extremely well done	<b>50-70% of Students should Score Here</b>	(Promising, but not quite there)	This could be due to the responder or poor fit of the assignment
<b>Define Problem</b> Students will define a problem.	Student produces a comprehensive definition of a problem and constructs a clear and insightful problem statement with evidence of all relevant contextual factors.	Student accurately defines a problem, and creates a convincing problem-statement that includes evidence of the most relevant contextual factors.	Student defines a problem, and constructs a professionally detailed problem-statement, with evidence that is relevant to contextual factors.	Student begins to demonstrate the ability to define and construct a problem statement. Evidence is mostly relevant, but problem statement is superficial.	Information not Present
<b>Identify Strategies</b> Students will solve a problem using an effective approach and strategy.	Student develops a multifaceted and comprehensive approach for solving the problem that apply within a specific context	Student identifies and applies comprehensive approaches for solving a problem that applies within a specific context.	Student identifies and applies an effective approach or strategy to solve a problem.	Student identifies and inadequately attempts to apply only a single approach for solving the problem.	Information not Present
<b>Propose and Implement Solutions</b>  Students will develop and implement a solution that demonstrates a complete comprehension of the problem.	<p>Student convincingly asserts one or more solutions that exhibits a deep comprehension of the problem. Solutions are sensitive to contextual factors.</p> <p>Student implements the solution in a professional manner that thoroughly addresses all contextual factors of the problem.</p>	<p>Student efficiently proposes one or more solutions that indicates a thorough comprehension of the problem. Solutions are sensitive to contextual factors.</p> <p>Student clearly implements the solution in a manner that addresses multiple and relevant contextual factors of the problem.</p>	<p>Student proposes one or more solutions that indicates comprehension of the problem.</p> <p>Student implements the solution in a manner that addresses multiple and relevant contextual factors of the problem, yet in a surface manner.</p>	<p>Student proposes limited solution that is poorly related to the problem statement.</p> <p>Student attempts to implement the solution in a manner that addresses the problem statement but ignores relevant contextual factors.</p>	Information not Present

<b>Evaluate Outcomes</b> Students will review results and determine if further solutions are needed.	Student evaluates results and determines strengths and weaknesses of the problem-solving strategy.	Student implements a clear process for reviewing results relative to the problem, guided by a high-degree of evaluation to determine if further solutions are needed.	Student efficiently shows a process for reviewing results relative to the problem defined with adequate consideration, determining if further solutions are needed.	Students presents an unclear approach for reviewing results in indistinct terms of the problem defined with little, if any, consideration of need for further work.	Information not Present
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