

Problem Solving Skills Rubric

Student _____ Course _____ Date _____

Intended Outcome: the student will use inquiry, quantitative, & analytical reasoning to solve problems.

Performance Area	Rating = 4	Rating = 3	Rating = 2	Rating = 1	Score
Defining the Problem	Student states the problem clearly and identifies underlying issues.	Student adequately defines the problem.	Student fails to define the problem adequately.	Student does not identify the problem.	
Developing a Plan to Solve the Problem	Student develops a clear and concise plan to solve the problem, with alternative strategies, and follows the plan to conclusion.	Student develops an adequate plan and follows it to conclusion.	Student develops a marginal plan, and does not follow it to conclusion.	Student does not develop a coherent plan to solve the problem.	
Collecting and Analyzing Information	Student collects information from multiple sources and analyzes the information in-depth.	Student collects adequate information and performs basic analyses.	Student collects inadequate information to perform meaningful analyses.	Student collects no viable information.	
Interpreting Findings and Solving the Problem	Student provides a logical interpretation of the findings and clearly solves the problem, offering alternative solutions.	Student provides an adequate interpretation of the findings and solves the problem, but fails to provide alternatives.	Student provides an inadequate interpretation of the findings and does not derive a logical solution to the problem.	Student does not interpret the findings/reach a conclusion.	
Total					
Overall Score = Total/4					

