

Rubric for Your Final Project

Step/Achievement	Does not meet expectations	Minimally meets expectations	Satisfactory meeting of expectations	Excellent meeting of expectations
Define Problem	Does not define problem	Defines problem, but with minimal clarity	Articulates problem well	Articulates problem very well, making it clear what next steps are needed
Key Issues/ Assumptions	Does not identify any issues/assumptions or gives ones that are not helpful for solving problem	Identifies some key issues/assumptions; misses some assumptions	Identifies most of the key issues and assumptions made	Key issues are clear. Assumptions and their impact on value of solution are also clarified
Math Model	Major error in execution of math model leading to incorrect solution	Arrives at a reasonable solution using appropriate methods, but explanation of steps is unclear/unorganized	Arrives at a reasonable solution with appropriate methods and description of process is clear	Finds reasonable solution through a clear set of steps; uses set of tools, such as graphing, to arrive at solution; description of process is clear and organized
Test and Validate	Does not check solution to find that it is incorrect	May do a check, but not one that would provide insight into limitations of solution.	Does some check to validate solution.	Engages in multiple approaches to solution to check its integrity and stability.
Conclusions	Missing/inconclusive discussion of results	Provides brief conclusions with minimal insight.	Provides good insight into how the solution is appropriate and how it may be improved.	Discussion demonstrates a thorough understanding of the value of the solution as well as what further approaches may provide additional insight.