

344 Final Project Grading Rubric

The final project will be graded based on two main pieces: a 4-5 minute video presentation and a 5-10 page report. Each category will be assessed on three specific criteria, with a total of 30 points available for each category.

Category	1-4 Points	5-7 Points	8-10 Points
1. Video Presentation (30 points total)			
Clarity of Explanation of the Problem and What is to be Solved	Problem is unclear, explanation lacks focus, difficult to understand	Problem is explained but lacks some clarity or focus	Problem is clearly explained and easy to follow, with clear focus on what is to be solved
Explanation of the Physics and the Method of Solution	Physics or method is poorly explained, lacks structure or logical flow	Physics or method is explained but not fully clear or missing details	Physics and method are clearly explained, step-by-step approach is well articulated
Explanation of Applications or Experimental System	Applications or experimental system not mentioned or poorly explained	Some application or experimental system is described but with limited detail or unclear connection to the problem	Applications or experimental system are well explained with clear relevance to the problem
2. Written Report (30 points total)			
Explanation of the Problem Setup and Numerical Solution Approach	Problem setup is poorly described or incorrect, numerical approach is unclear	Problem setup is partially described, but lacking in clarity or completeness	Clear and concise explanation of the problem setup and the approach for solving it numerically
Explanation of the Solution and Physical Results	Results are not well explained or are unclear, lacking in physical interpretation	Results are explained, but lack clarity in connecting the solution to physical concepts	Clear explanation of the solution, with a well-defined connection to physical results and interpretation
Linking the Work to a Real World System or Experimental Setup	Real world system or experimental setup not mentioned or poorly connected to the problem	Some connection to a real world system is made, but lacks depth or specificity	Strong connection between the problem and a real world system or experimental setup, with clear relevance to the physical results