

Student name \_\_\_\_\_

**Mechanics and effort [20%]**

- Manuscript contains required sections with proper formatting and grammar
  - Demonstrates actual work done by student
  - Each section contains relevant and sufficient information
  - Acknowledges previous work, background research, assistance
  - Shows deep understanding of problem and principles
- \_\_\_\_ /20
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**Clarity [30%]**

- Student work is clearly and logically presented
  - Data is appropriately treated and displayed
  - Graphics are appropriate and support the narrative
- \_\_\_\_ /30
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**Analytical approach [20%]**

- Experimental/design approach addresses the stated problem
  - Collected data supports the conclusions
  - Appropriate attention to safety
- \_\_\_\_ /20
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**Thoroughness [20%]**

- Enough detail that the study could be replicated
  - Multiple data sets or iterations
  - Computer/engineering project – model thoroughly tested
- \_\_\_\_ /20
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**Creativity and innovation [10%]**

- Use of novel methods or materials
  - Novel treatment of outside data or use of algorithms
- \_\_\_\_ /10
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**TOTAL SCORE =** \_\_\_\_ /100

Notes: