# manuscript Judging

Student name

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| **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 | \_\_\_\_ /10 |
| **Clarity [30%]**   * Student work is clearly and logically presented * Data is appropriately treated and displayed * Graphics are appropriate and support the narrative | \_\_\_\_ /10 |
| **Analytical approach [20%]**   * Experimental/design approach addresses the stated problem * Collected data supports the conclusions * Appropriate attention to safety | \_\_\_\_ /10 |
| **Thoroughness [20%]**   * Enough detail that the study could be replicated * Multiple data sets or iterations * Computer/engineering project – model thoroughly tested | \_\_\_\_ /10 |
| **Creativity and innovation [10%]**   * Use of novel methods or materials * Novel treatment of outside data or use of algorithms | \_\_\_\_ /10 |