# 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 |