Paper Grade Sheet

Author \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Word Count \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- |
| Category | Your Points | Possible Points |
| Background* Provides introduction to the topic
* Defines scope of paper
* Presents physics background necessary to understand the application(s)
* Discusses physics correctly and clearly
 |  | 30 |
| Application* Presents several applications covered on a surface level or one application covered in depth
* Motivates application(s) convincingly
* Applies physics background to application(s) correctly and clearly
* Discusses advantages and disadvantages of technology as it relates to the application
 |  | 40 |
| Future Directions* Discusses trends in technology as it relates to the application(s) presented in the paper
* Discusses future challenges facing technological advances to the application presented
* Discusses possible future applications if technological challenges are overcome
 |  | 20 |
| Broader ImpactsThese broader impacts may include, but is not limited to environmental issues, health issues, politics, government spending, or religion.* Presents issues affecting the development of the technology for the application(s) presented
* Presents an opinion as it relates to stated or implied applications of the technology to issues beyond just the science
 |  | 5 |
| Format/Grammar/Spelling |  | 5 |
| Total |  | 100 |
| Over/under word-limit penalty (1600 – 2500 words) |  | 0-5 |
| Final Paper Grade |  | 100 |