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 Impacts  These 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 |