

## **Grading Rubric for Final Written Report (PDF copy due 6/2/16 5 PM)**

From your pitches, it is clear that there are two categories for projects: literature review or design projects. Because of this, here is a more specific rubric for each type of project. You can also model the oral presentation based on this as well. For all projects we will look at:

- **Hard maximum – 8 pages including references/images/etc.**
- **You must use the template provided.**
- **You should emphasis the connection between the mechanical design and the biological system i.e. biomechanics!**
- Depth and Accuracy of Content/Analysis
- Visuals – Figures, Tables, Charts, etc. Good labels, captions, relevant, etc.
- Use of References and things cited in text with the number
- Clarity of Purpose
- Organization
- Explanation of engineering or biological jargon should be for a general audience
- Use of Language: Spelling, Grammar, Word Choice, Neutral Tone

While we have a suggested organization as:

Abstract, Introduction, Methods, Results, Discussion, Conclusion, References

You might find an alternative way to present your information and that is fine. You must have the following:

Abstract, Introduction, Discussion, Conclusion, References

### **Literature Review**

Key things we are looking for:

- Choose a specific topic.
- Talk about pros and cons, what's missing, etc.
- Propose a new idea or a new avenue of research

### **Design Review**

Key things we are looking for:

- Introduce previous research relevant to your topic and the pros and cons of it. Use this to motivate your problem statement.
- Clearly state the problem you are trying to solve.
- Include any designs/simulations/models but also make sure to explain the fundamental engineering concepts behind them