

BIO 183 Energy Assignment

Due June 8, 2023

35 points possible

Building upon your scientific writing skills from the Enzyme Assignment, for this Energy Unit you will continue to sharpen your scientific writing skills using your own assigned data from *either* the Cellular Respiration lab or Activity 2 of the Photosynthesis lab. This assignment should be written individually. Different group members should decide for themselves which lab they will write about.

- o Write a paragraph describing the treatments that were applied. (2 pts)

Be sure to title these sections and present them in appropriate Lab Report/Scientific Journal order, use 12 point font and double space.

- o Write a Results section as if you were writing a full Lab Report. Be sure to include proper text, graphing, trendlines, and line equations with slope values for each trendline line on your graph. (7 pts)
- o Write an Introduction (11 pts) and Discussion (12 pts) section as if you were writing a full Lab Report. You should include/cite at least 2 Primary Literature sources to help you explain the background and results within the context of other scientific research. You may additionally use other references (primary or secondary literature).
- o Properly write your reference list for all the resources cited. (3 pts)
(Additionally you should cite the lab handout if you use any of lab handout information in this assignment)

For help on this assignment:

Refer to the Resources page on the lab website if you are not clear on how to write any of these sections.

General Grading Rubric for Lab Reports – see webpage

Lab Write PostLab: Writing Your Report -

https://labwrite.ncsu.edu/Experimental%20Design/Exp_PO.htm

Citations and References –

<https://labwrite.ncsu.edu/res/res-citsandrefs.html> or

<https://www.scientificstyleandformat.org/Tools/SSF-Citation-Quick-Guide.html>