

# GENERAL PHYSICS LABORATORY EXPERIMENTS

# W-ASSIGNMENT

By signing the following, you are indicating you have read the following description and understand what is expected of you. For those in their first year, this assignment must be uploaded to your e-portfolio.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Assignment due:** Friday (11/13) by 4 PM to DSL dropbox (similar to other lab assignments).

In science, it is important to not only arrive at the correct answer, but also to be able to explain the process and results in a clear and concise manner. To fulfill a written assignment for Writing and Oral Communication requirements for this course, choose **ONE** of the following experiments from week 8 lab.

- |                              |                |
|------------------------------|----------------|
| B. ATWOOD'S MACHINE          | CHOOSE ONLY    |
| C. ROLLER ON A RECORD PLAYER | ONE, NOT ALL 3 |
| D. WORK ON A CART            |                |

and complete the following:

- 1) In your own words rewrite the objective and experiment.
- 2) Show all derivations and calculations including words throughout.
- 3) Rewrite your answers to the questions proposed in the assignment section.

This must be a typed document that is no more than 3 pages in length, written at a level accessible by another student in this course. Equations must be typed using equation editor or something similar, any symbol used must be identified. All numbers must have correct units and significant figures. Any figures or tables, must have a proper caption describing the results. Any references used in creating the document should be included for example, the textbook, the lab notes... etc. This includes any images used.

Grading (out of 20):

5 points : Format/Equations/References (1 point for including this sheet with signature)

- Did you follow the required format?
- Did you include proper equations and defined all symbols?
- Do your calculations have proper units and significant figures?
- Did you include proper references?

5 points : Grammar/Syntax

- Did you spell check the document?
- Did you write in complete sentences, and use proper punctuation?
- Does what you wrote come close to English?

5 points: Description of the objective and experiment (this may mix with the assignment answers)

- Did you clearly explain the objective of the experiment?
- Did you provide enough detail to explain the experiment?
- Is it clear how you obtained your data?

5 points: Answers to assignment questions.

This will be graded similarly to your typical assignment, with points going towards each question answered/completed.

	Format/Eq/Ref	Grammar/Syntax	Obj/Exp	Assignment
Grade				

Total Grade:	Graded By:
--------------	------------