Optics of the Eye Rubric: Lab will be graded on a 10-point system as shown:

Title Page: 0.25pt  
- Contains all information shown in the syllabus document on Blackboard or the website, 0.1 pt deductions for each missed value or position up to 0.25 pt.  
- You can use up to 1700 words if desired for this report!

Aim: 0.25 pts  
- Clearly states the aim of the experiment in one statement.

Introduction (Theory/Background): 2.5pt  
- Clearly defines the structure of the eye, preferably with a picture. (0.75pt)  
- Defines Accommodation, Farsightedness, Nearsightedness with sketches (0.75pt)  
- Briefly explains or schematically shows how visions defects are corrected (0.5pt)  
- Relevant equations are introduced and defined (0.5 pt).

PASCO Model of the Human Eye: 1.0 pt  
- Illustrates and/or describes the various features (lens system, retina, humors) of the model eye

Results and Discussion: 5.0 pts  
- Part 1: Image Formation in the Eye (1 pt)  
  - Sketch of the lens system, retina location, object location, and image location. States the concept tested and writes the observations. Performs calculations.  
  - Answers the two questions.
- Part 2: Accommodation (2 pt)  
  - Explains the concepts tested and presents the results of observations for items 1 through 9.  
  - Answers all the three questions.
- Part 3: Farsightedness (1 pt)  
  - Explains the concepts tested and presents the results of observations for items 1 through 4.  
  - Answers all the three questions.
- Part 4: Nearsightedness (1 pts)  
  - Explains the concepts tested and presents the results of observations for items 1 through 8.  
  - Answers all the two questions.

Conclusion: 1.0 pt  
- Summarize, without repetition, the overall results of experiment (0.5 pt).  
- Clearly state agreement/disagreement of results with theory (0.5 pt).

Note: Additional points may be lost based upon General Format, Grammar, Appearance and Content: up to 1pt total deduction possible  
- Conciseness of content up to 0.5 pt deduction  
- Grammar and use of complete sentences up to 0.5 pt deduction  
- No table/figure caption and numbering or misnumbering 0.1 pt per table/figure  
- Missing axes labels/graph title 0.1 pt per table/figure  
- Missing a step in a part of the experiment list -0.2pt deduction per missed item  
- No page numbers – 0.1 pt deduction  
- Poor formatting of content - up to 0.5 pt deduction
• References: can lose up to 0.5 pt if missing reference to website or text of image used in write up or missing quotations on copied text. If references are found to be missing with image or text copied directly from another source, the lack of referencing will be taken as an honor code violation.