

Formal Report

Due April 18

Topic

- Unit 30 :Activities 30-1 and 30-3, Snell's Law and the Critical Angle
- Due Date: April 18, Upload **PDF** to WebCT
- Keep your Unit 30 "Labbooks" and turn them in on Apr 18.

- no longer than 1000 words
- write your own report

- Most students prefer to use a word processor.
- For this purpose free software such as Google Docs, LaTeX or Open Office is acceptable and economical.
- Handwritten reports are acceptable if the handwriting is neat,

Writing the Report

- Make an Outline
 - consists of the major divisions of the paper:
Introduction, Theory, Experiment, Results, Conclusion

Introduction

- Discussion background, why experiment is of interest, and what the experiment sets out to accomplish.

Theory

- Present the simple theory necessary to understand the experiments.

Experiment

- Describe what you did, how you did it, draw a diagram. (Don't overuse the passive.)

Results

- Show your results in graphical form if possible

Conclusions

- Indicate how nearly you achieved the goals mentioned in the introduction.
- Discuss the meaning of the results in terms of the theory presented.
- Do experimental results and theory agree within experimental error?

Style

- Active Voice
- Simple Words
- Concise Language
- Be Specific