This is the Title

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of Senior Independent Study in Physics at The College of Wooster

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Abstract

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Acknowledgments

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1.1 Figure captions go on bottom. 2

Chapter 1

Introduction

1.1 Basics

This is text. This is **bold** text. This is text with *emphasis*. This is "double quotes".

Paragraphs are separated by one or more blank lines.

1.2 Math & Citations

Examples of inline math are $\alpha = \sqrt{\gamma^2 + \Gamma^2}$ and $\vec{v} = 7\hat{x} - 5\hat{y}$ and $\vec{u} \times \vec{v}$ and $c = (2.99 \pm 0.01) \times 10^8$ m/s. One example of block (display) math is

$$\int_0^1 x^2 dx = \frac{1}{3}, \tag{1.1}$$

and a second example is

$$\xi = \alpha \left(\frac{1}{\omega_0^2 + \omega^2} \right). \tag{1.2}$$

Note how block math is punctuated like words in a sentence! The block math equations are automatically numbered. We can reference Eq. 1.1 or Eq. 1.2 by inserting labels in the block, but then we must compile LaTeX twice.

We can readily cite articles [**?**] and books [**?**] and URLs [**?**] in our bibliography, but now we must compile LaTeX, BibTeX, LaTeX, LaTeX.

1.3 Figures & Tables

We can also include figures, but first we need to use package "graphicx" under document class. We can reference Fig. 1.1 like equations. All figures should have captions.

Finally, we can also include tables, such as Table 1.1. Like figures, we can also *attempt* to force their positions.

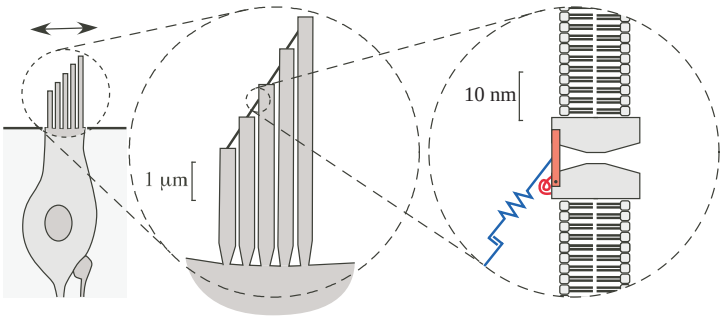

Figure 1.1: Figure captions go on bottom.

In the document class line, we can easily convert from "preprint" one-column, double-spacing for rough drafts to "twocolumn" single spacing for final drafts!

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Table 1.1: Table captions go on top.

absicssa	ordinate
1.0 s	5.6 m
2.0 s	6.7 m
3.0 s	9.9 m

Chapter 2

Conclusions

2.1 Stuff

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Appendix A

Extra Stuff

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Appendix B

Extra Stuffing

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