LaTex Template:

For a Robert D. Clark Honors Thesis

Robert D. Clark

A thesis presented for the degree of
Bachelor of Science/Arts

Blank Department and Robert D. Clark Honors College
University of Oregon
Month 20**

An Abstract of the Thesis of

Robert D. Clark for the degree of Bachelor of Science/Arts
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Title: LaTeX Template: For a Robert D. Clark Honors Thesis

Approved: _____
Advisor's Name

A template for writing a thesis with LaTeX. If you study math, you should use LaTeX. This typesetting is standard in your field. Learn how to use it sooner rather than later. [Insert more words for your abstract.]

Acknowledgments

I would like to thank the loyal platypus for being our mascot.

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Foreword

Typing your thesis in LaTex does not have to be that hard. There are plenty of online resources. Use Google. Or, I guess, you could use Bing...

1 Chapter

Keep on writing. You can do it.

Check out some environments you can use.

- Words
- Words

1. Words
2. Words
3. Words

Make a subsection?

Subsection.

Words.

Be careful with math environments and images. They could run over the margins. Make sure to check that you don't do this. For example:

$$\alpha$$

2 Chapter

Download LaTeX online. I downloaded TexLive, but there are other ways to get Tex. You will need the software to open up .tex files to see the documentation and code for this file. For example, I have commented out a sample way to import images into your document. Get Tex and you can see how I did this.

3 Chapter

Check out what my user-defined environments look like.

Definition 3.1.

Definition.

Theorem 3.1. *Proof.* □

Theorem. *Proof.* □

Remark.

Note.

Lemma 3.1. *Proof.* □

Proposition 3.1. *Proof.* □

Proposition. *Proof.* □

Corollary 3.1. *Proof.* □

4 Chapter

Let's type some math. Okay, $\mathbb{R}$ is the real number line. $\lfloor x \rfloor$ is the floor function. This is a fraction $\frac{1}{3}$. You will be able to see how I typeset these things if you install a Tex software. Undoubtedly, you will have to learn a lot of jargon for the typesetting. But, you'll learn quickly. A lot of the typesetting is just spelling out what things are. For example, I can easily write out Greek letters: $\rho, \Sigma, \pi, \Omega, \theta$. You can also write math centered on its own line like this

$$2 + 2 = 4.$$

Or, you can use an align environment for something like this:

$$\begin{aligned} 2 - (4 - 2)^2 &= 2 - 2^2 \\ &= 2 - 4 \\ &= -2. \end{aligned}$$

How about matrices: $\begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$, $\begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix}$.

And, I'll leave you with a piece-wise function. (Use the cases environment.)

$$f(x) = |x| = \begin{cases} x & x \geq 0 \\ -x & x < 0 \end{cases}.$$

Have fun typesetting.

Appendix

Be a try-hard and have an appendix (if necessary).

References