Problem Set 1

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1 Introduction

In this study, we queried dozens of individuals, and learned that none of them were familiar with LaTeX! We talked to many different kinds of people:

- Students

- Researchers

- Grandparents

When asked if they knew how to use LaTeX, these are the responses we got:

1. What?

2. Who?

3. No

In light of this shocking discovery, we decided to create this course. Fortunately, we were able to find an excellent resource for hosting our course online: `www.udemy.com`. We like udemy, and hope our students agree. So, we got busy on the most challenging part of this course development effort, and created a course graphic as shown in Figure 1.
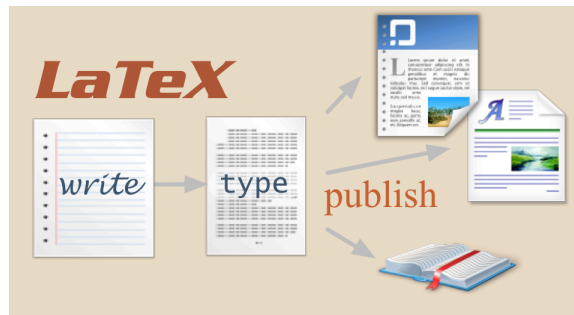

Figure 1: Our awesome course graphic.

2 Course

There are many aspects to learning LaTeX. Some are more challenging to learn than others.

2.1 Philosophy

This course is introductory, and intended to get you started with the basics, but touch on some advanced topics as well. We focus on guiding you to resources online so you can continue learning beyond the content of this course.

2.2 Content

We organized our course into several content sections as shown in Table 1.

Table 1: Our course content.

Section	Title
1	Getting Started
2	Creating a New Document (.tex)
3	Graphics and Tables
4	Bibliography (.bib and .bbl)
5	Elements in Science and Mathematics
6	Managing Packages and Style Files (.sty)
7	Advanced Topics
8	Next Steps

3 Conclusion

This was a fun course to develop, and we hope you enjoy it!