

# CSC/MAT-220: Discrete Structures

## Homework 1

Due: 08/25/2017

### 1 Using LaTeX

Your first assignment is to find an environment that allows you to create LaTeX documents. You may use the school computers or your own personal computer. To help with your first homework assignment be sure to read the Mathematical Writing handout which is linked on our online calender from the date 8/21.

The ability to use LaTeX is available on every school computer. If you are a Windows user, then open up the application TeXworks. If you are a Mac user, then open up the application TeXShop. Both environments are similar and you will be given a text editor for which you type your document. You can compile your document by pressing the green button (TeXworks), or typing `command+T` (TeXShop). You can also compile your files in the terminal using the `pdflatex` command, see me if you are interested.

If you would like to use LaTeX on your own computer then consider the following links:

Windows: <https://www.tug.org/texworks/>

Mac: <https://tug.org/mactex/mactex-download.html>

If you require any assistance, don't hesitate to ask me for help.

### 2 Assignment

Do the following exercises from your book: 3.9, 4.9, 5.9, and 5.21.