

How to install L<sup>A</sup>T<sub>E</sub>X for Mac OS X:

1. Visit <http://www.tug.org/mactex/>.
2. Click on the **MacTeX Download** link and then on **MacTeX.mpkg** to download the file. The file is **huge**, so do this somewhere with a fast connection. It took me 20 minutes to download the file over the UAF wireless network.
3. Double-click on the file **MacTeX.mpkg** you downloaded to run the installer package.
4. When the installer is finished, navigate to your Applications folder. You should find a folder called **TeX** in there.
5. In the **TeX** folder, you can find an application, **TeXShop**. Open this application which is a (somewhat) user-friendly interface to editing L<sup>A</sup>T<sub>E</sub>X files and converting them to PDF.

On newer versions of OS X (10.7 and later) you might need to tell the operating system that this file is safe to run; let me know how this works for you.

6. Make a folder **Math 401** somewhere useful. Then go to

`www.math.uaf.edu/~maxwell/math401`

and download the following files to that folder:

- `HWDemo.tex`

7. Open the `HWDemo.tex` file you downloaded using **TeXShop**. Then press the **Typeset** button. If all has gone well, you will see a PDF version of the the LaTeX file appear!