

How to install L^AT_EX for Windows:

1. Visit <http://www.miktex.org>.
2. Click on MiKTeX 2.9 under **Install** on the left-hand side of the page.
3. On this new web page, find the **Download** button next to the words “**Basic MiKTeX 2.9**” **Installer**. You may have to scroll down to find it.
4. Click the button, and wait for the downloading to begin. You should be downloading a file called something like `basic-miktex-2.9.4250.exe`.
5. Run the file you downloaded to install the guts of L^AT_EX. When asked by the install wizard, select letter page size.
6. You now need to install some optional packages for L^AT_EX. Open the Windows Start menu by clicking on the button with the Windows logo on it that can be found in either the lower-left or upper-left corner of your screen, depending on your version of windows. Then navigate to All Programs→MiKTeX 2.9→Maintenance. Under the Maintenance folder there is a program called Package Manager. Open it.
7. In the Name text field on the Package Manager toolbar, enter `fancyhdr` and click the Filter button.
8. The table below the toolbar should contain a line for `fancyhdr`. Select that line and click the + button in the upper left corner of the window to install this package. A window will appear to show you the downloading and installation progress. When the package installation is done, you can click on the Close button.
9. Repeat the previous two steps for each of the following packages:
 - `times`
 - `txfonts`
 - `txfontsb`
10. You now need to install a text editor, so that you can create files to feed to L^AT_EX. Go to <http://www.tug.org/texworks/> and click on the ‘Microsoft Windows: TeXworks’ link in the **Getting TeXworks** section.
11. In the web page that appears, click on the link titled something like

`TeXworks-setup-0.4.3-r858.exe`

to download an installer.
12. When the installer is downloaded, run it.

13. Make a folder Math 215 somewhere useful. Then go to

`www.math.uaf.edu/~maxwell/math215`

and download the following files to that folder:

- `SampleHomework.tex`
- `math215.cls`
- `math215extras.tex`

14. Open the `SampleHomework.tex` file you downloaded using TeXworks.

15. In the upper left hand corner, there is a toggle that may say pdfTeX. Set this to pdfLaTeX.

16. Click on the triangle inside the green circle at the upper left hand side of the screen. If all has gone well, you will see a PDF version of the the LaTeX file appear!