



What to Install Before Staff Training: LaTeX

We will be hosting a 2-hour optional training on LaTeX one of the days of training, following the day's sessions. LaTeX is a document preparation system "*designed for the production of technical and scientific documentation.*" It is the "*de facto standard for the communication and publication of scientific documents*"¹ and is available for free download.

If you are interested in attending the LaTeX training, follow these download instructions *prior* to arriving at the training. Please download and install the following programs, **in the given order**. Please note that these installations will require a strong and stable internet connection.

For Windows Users:

Step 1. Install Adobe Reader (if not already installed)

1. Begin download at <http://get.adobe.com/reader/>

Make sure you don't install the "Free! McAfee Security Scan Plus" with it - uncheck the corresponding box before downloading. The remaining installation should be a simple, "yes, next, ok"-process. After installing Adobe Reader open any .pdf document and accept the conditions.

Step 2. Install Ghostscript (if not already installed)

1. Begin download at <http://www.ghostscript.com/download/gsdnld.html>
2. If you do not know whether your computer runs a 32bit or a 64bit version of Windows, see [this](#) website on how to find out. If you prefer video instructions, check out [this](#) video on Youtube.
3. Download the non-commercial, "General Public License (GPL)" version (on the left). Depending on which version your computer runs, you will have to install either one of the two Windows GPL Releases: Ghostscript 9.07 for Windows (32 bit) or Ghostscript 9.07 for Windows (64 bit)
4. Run the .exe file and run the installation. The installation should be a simple "yes, next, ok"-process.

Step 3. Install MiKTeX

1. Make sure your computer is connected to a good internet connection. Also allow for some time - the download may be about 1.2 GB. The installation is a two-step process. First you download the **complete** version using a "Netinstaller", then you install the program using the downloaded files.

¹ <http://www.latex-project.org/>



2. If you do not know whether your computer runs a 32bit or a 64bit version of Windows, see [this](#) website on how to find out. If you prefer video instructions, check out [this](#) video on Youtube.
3. Go to <http://miktex.org/download>
4. Do **not** use the Basic download. Click on "Other Downloads". Depending on your version of Windows, download the 32bit or the 64bit "**Netinstaller**"
5. Run the downloaded .exe file as an administrator (right-click, run as administrator, ok)
6. Check "I accept the MiKTeX copying conditions" and hit continue
7. Check "Download MiKTeX" and continue
8. Check "**Complete MiKTeX**". Note that you will need a strong internet connection as the download may be 1.2gb big. Do not choose the basic version. Continue.
9. Choose a download source near to your country. Continue.
10. Choose where the file will be saved. Continue.
11. Hit "Start"
12. ... Wait for a long time ...
13. Click "Continue/Next"
14. Close
15. If you get an error message saying that the program was not installed properly, say that it did install ok.

You have now downloaded the **complete** version of MiKTeX. To install the program:

1. Run the downloaded netinstaller again (right-click, run the file as an administrator)
2. Check "I accept the MiKTeX copying conditions" and hit continue.
3. Check install MiKTeX and hit continue.
4. Check the "**Complete MiKTeX**" version. Again, do not opt for the basic version.
5. Check "anyone who uses this computer", continue.
6. Specify the location to which MiKTeX was downloaded before. Continue.
7. Specify the location where you wish to install MiKTeX. Continue.



8. Choose your preferred paper page (A4 or letter). **Important:** Check "Yes" for whether missing packages should be installed on the fly. Continue.
9. Start.
10. ... Wait for a long time ...
11. Next
12. Close

Step 4. Install TeXStudio

1. Go to <http://texstudio.sourceforge.net/>
2. Hit "Download now" and execute the file. The installation should be fairly straightforward.
3. Once you're done, you're ready for the LaTeX training!

For Mac Users:

Step 1. Install Adobe Reader (if not already installed)

1. Download at <http://get.adobe.com/reader/>

Step 2. Install MacTeX

1. Download at <http://www.tug.org/mactex/>
2. Please see this [link](#) for step by step instructions on how to install MacTeX on a Mac. However, do not install TeXMaker.
3. As it is the case for Windows users, note that the file is large (over 2GB) and therefore a strong, stable internet connection is highly recommended.

Step 3. Install TeXShop

1. TeXShop should come with your MacTeX distribution. Therefore, only install this editor if TeXShop does not install with Step 2 from above.
2. Here's the link: <http://pages.uoregon.edu/koch/texshop/>
3. Once you have those three, you're ready for the LaTeX training!