(Last Updated for Quartus v17.0)

The student version of the Quartus software can be obtained directly from the Altera web site (www.altera.com). The process for successfully installing Quartus is performed in the following manner:

1. Go to http://dl.altera.com/17.0/?edition=lite. Note that you need the Quartus II **Prime Lite Edition**, v17.0.
2. If you are not already signed-in, you will eventually be asked to log in or to make an account.
3. If creating a new account, after verifying your account repeat step 1. (If the download is blocked by your firewall or your browser settings, you will be taken back to the screen in step 2. Remove the block and repeat the previous step. I suggest that you "`always allow pop-ups from this site.`")
4. You only need to download `Quartus Prime Lite Edition` (`Quartus Prime` and `ModelSim`) and `MAX II, MAX V device support`. I suggest that you also install the `Cyclone V device support`, since this is used in other courses and we may use it later this semester.
   a) You could just select `Combine Files` to get all of the possible devices. This will take a little extra memory space on your computer. Otherwise, use steps b through c. You will need a program to un-TAR the file (`QuartusLiteSetup-17.0.0.595-windows.tar`) that you download this way. Once you un-TAR the files, just double-click on `setup.bat`.
   b) Select what you need by selecting `Individual Files`.
   c) Select "`Download Selected Files`." If prompted to do so, allow the installation of the "`Download Manager`." The total download of the four files (if you downloaded the Cyclone V device support as well as the other three files) required files is about 3.96 GB. Depending on your connection speed, this may take anywhere from 10 min to an hour.
5. If the download is successful, close the download window and then go back to the Altera window. (This Altera window will now say something like "`Download complete! ...`")
6. After the Quartus software has finished downloading, run `QuartusLiteSetup-17.0.0.595-windows.exe` installation file to install the Quartus software. I suggest that you use all the default responses. The default location of Quartus must **NOT** have any spaces. The installation may take **OVER AN HOUR** (although it took me less than 20 minutes).
7. After the file has downloaded, select `Finish` to allow the USB Blaster II driver installation.
8. Follow the instructions to install the device driver. Select `Finish`.
9. When a `Quartus Prime 17.0 Lite Edition` window appears, select `Run the Quartus Prime software`.
10. Open `Quartus Prime 17.0 Lite Edition`, which should be on your desktop.

Note for Mac computer users: If you have a Mac (i.e., a Macintosh computer from Apple), you will need to install a windows virtual machine in order to install and run Quartus. We suggest that you install *VMware* (free to students), but *Parallels* (not free) and *Boot Camp* are even better. UF offers free copies of Windows 10 Software. We do **not** recommend *Virtual Box*. If you are having problems installing this software, the UF help desk (www.helpdesk.ufl.edu and 352-392-HELP [4357]); you can visit them at the HUB Mon-Thur from 7:30am-10pm, Fri from 7:30am-5:00, and Sat-Sun from noon-6:00pm.