**Windows 11 Quartus II Installation**

Before working with your DE2 Board, please follow these instructions to get Quartus II and the USB Blaster installed onto your machine.

* **Quartus II:** 
  + Download the Web Version of Quartus II from the following page (~4.4 GB):
  + [**https://www.intel.com/content/www/us/en/software-kit/711791/intel-quartus-ii-web-edition-design-software-version-13-0sp1-for-windows.html**](https://www.intel.com/content/www/us/en/software-kit/711791/intel-quartus-ii-web-edition-design-software-version-13-0sp1-for-windows.html)
  + In the directory of where the .tar file is located, enter the following into the Terminal:
  + tar -xf <name-of-file>.tar
  + When this process is complete, open the “components” folder that appears and run QuartusSetupWeb-13.0.1.232.exe
  + Accept the license agreement and any default configurations. When installing devices, make sure ‘Cyclone II’ is checked.
  + Installation can take a while. Once it is complete, you can create a desktop shortcut for Quartus II for easy access.
* **USB Blaster:**
  + When connecting the DE2 Board to your machine for the first time via USB, you will need to install the necessary drivers onto your machine. If this process does not occur automatically, follow these steps:
  + Open the Device Manager. Locate the unknown USB device (USB Blaster) under ‘Other Devices’
  + Right-click on the USB Blaster, and select ‘Update driver’
  + In the dialog box that appears, select ‘Browse my computer for drivers’
  + If you installed Quartus II in its default suggested location, you can simply type C:\altera for the search. If you did not install Quartus II in its default location, locate the altera folder on your machine. Make sure ‘Include subfolders’ is checked, then click Next.
  + Wait for the search to complete. The drivers should now be installed on your machine. You can exit out of the Device Manager. You may need to restart your machine before being able to work with the board.
  + For more help, see the following page for more information: [**https://www.terasic.com.tw/wiki/Altera\_USB\_Blaster\_Driver\_Installation\_Instructions**](https://www.terasic.com.tw/wiki/Altera_USB_Blaster_Driver_Installation_Instructions)