

## **Instructions for Installing the Arduino Drivers**

These steps will need to be performed every time you log on to the lab computers in order to use the Arduino board:

1. Download the Arduino drivers zip file from the Labs section of the class webpage
2. Extract the files to the desktop
3. Connect the Arduino board to the USB hub using the USB cable from the Altera development board already at that computer
4. The software will try to install the UART drivers automatically, but will fail due to now knowing the drivers' location
5. Open the Device Manager (Start -> Control Panel -> Device Manager)
6. Find the Arduino UART under 'Other Devices'
7. Open the properties for the UART (right click -> Properties)
8. In the FT232R UART Properties menu that pops up, click the 'Change settings' button
9. Click on 'Update Driver'
10. Click on 'Browse my Computer'
11. Click 'Browse' -select the folder of the drivers that you downloaded from the webpage (should be Desktop/drivers/FTDI USB Drivers)
12. Click Next
13. After the installation is complete, click OK
14. Repeat this process for the USB serial port
15. When running the Arduino software, if the computer is not able to communicate with the Arduino board, try changing the port that the software is communicating with (Tools -> Serial Port -> COM3 or COM4)