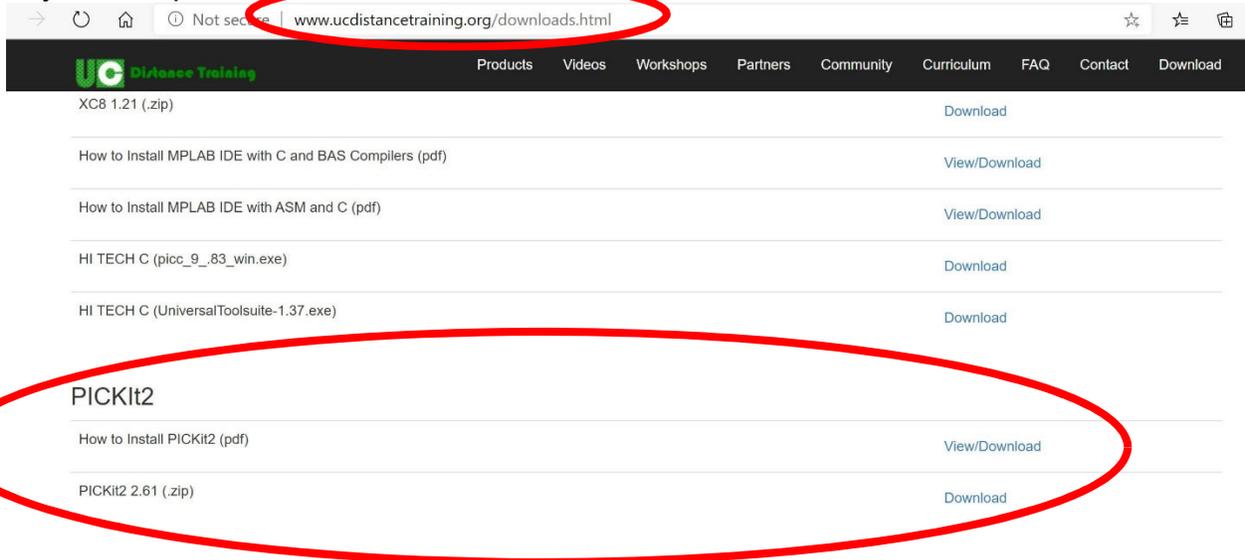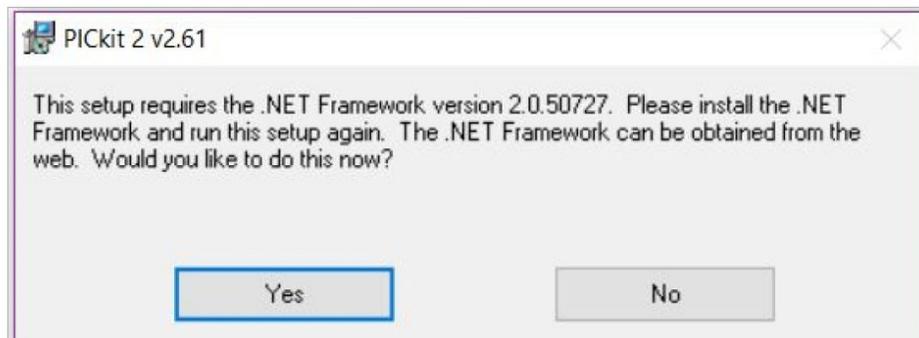# How fix the dotnet frame work with PICKit2 communication issues?

1. Go to www.ucdistancetraining.org to down load the PICKit2, ver 2.61 and install to your computer first.

2. Run the PICKit2 software with your training system and……:
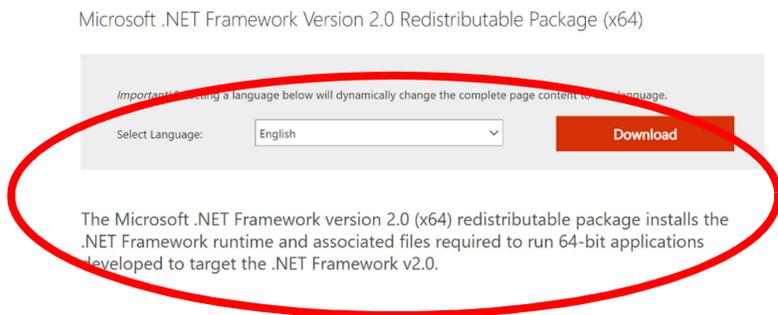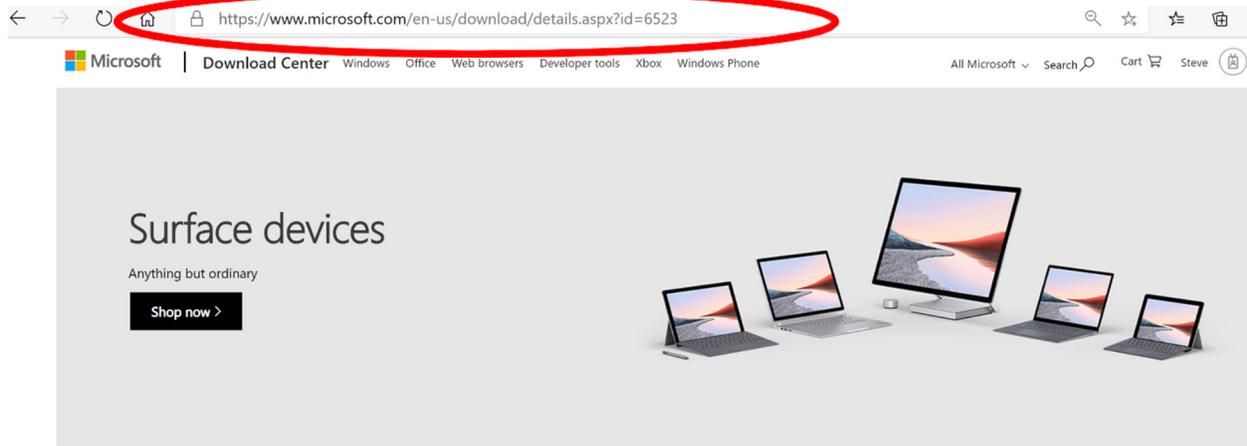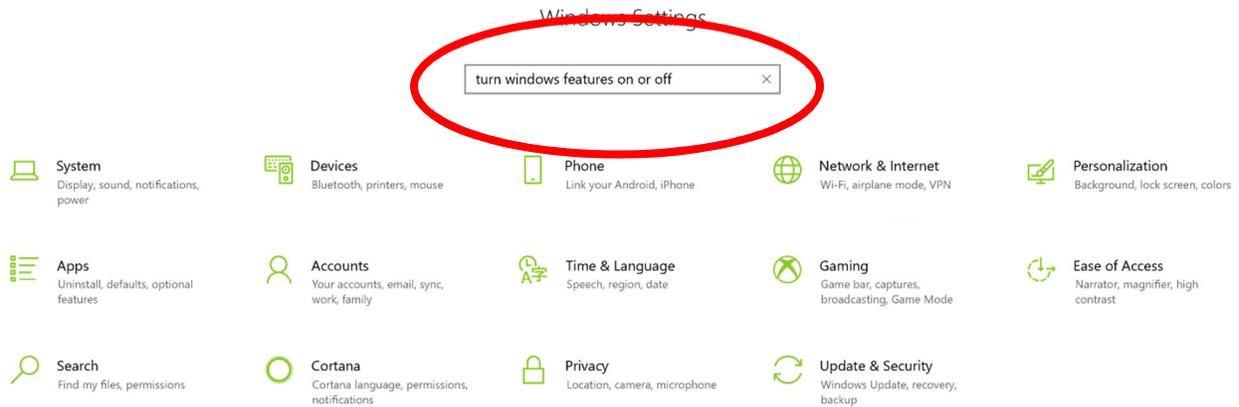

And you get this notice…

3. Go the following links to download the .NET Framework:

   https://www.microsoft.com/en-us/download/details.aspx?id=6523

   Or do the search for **net framework 2.0.50727 download windows 10**

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Microsoft .NET Framework Version 2.0 Redistributable Package (x64)

Important! Selecting a language below will dynamically change the complete page content to that language.

Select Language: English   Download

The Microsoft .NET Framework version 2.0 (x64) redistributable package installs the .NET Framework runtime and associated files required to run 64-bit applications developed to target the .NET Framework v2.0.

4. Go to your computer control panel, choose/type Windows Settings, then type **turn windows feature on or off**

Windows Settings

turn windows features on or off   ✕

System
Display, sound, notifications, power

Devices
Bluetooth, printers, mouse

Phone
Link your Android, iPhone

Network & Internet
Wi-Fi, airplane mode, VPN

Personalization
Background, lock screen, colors

Apps
Uninstall, defaults, optional features

Accounts
Your accounts, email, sync, work, family

Time & Language
Speech, region, date

Gaming
Game bar, captures, broadcasting, Game Mode

Ease of Access
Narrator, magnifier, high contrast

Search
Find my files, permissions

Cortana
Cortana language, permissions, notifications

Privacy
Location, camera, microphone

Update & Security
Windows Update, recovery, backup

5. Next you will see the following window:
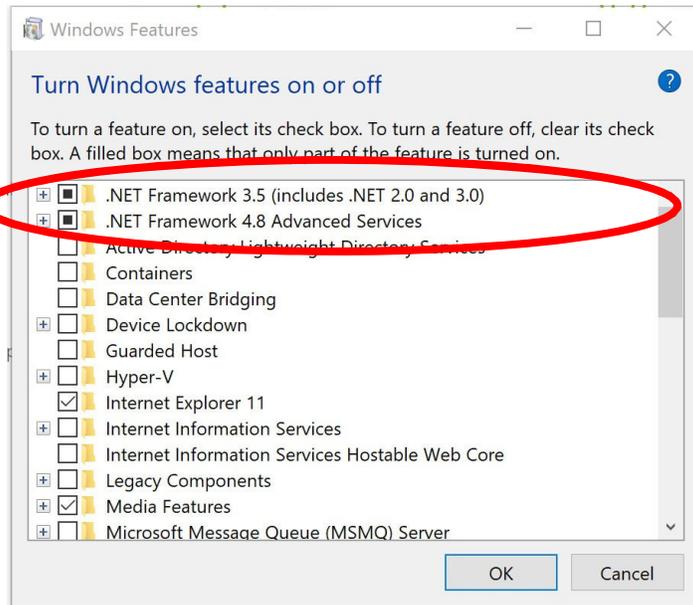
Make sure the **.NET boxes are checked**.

6. If the PICKit2 communications is still not established.
Go to Window, **Control Panel**, and **Device Manager**, Click on **Human Interface Devices**:
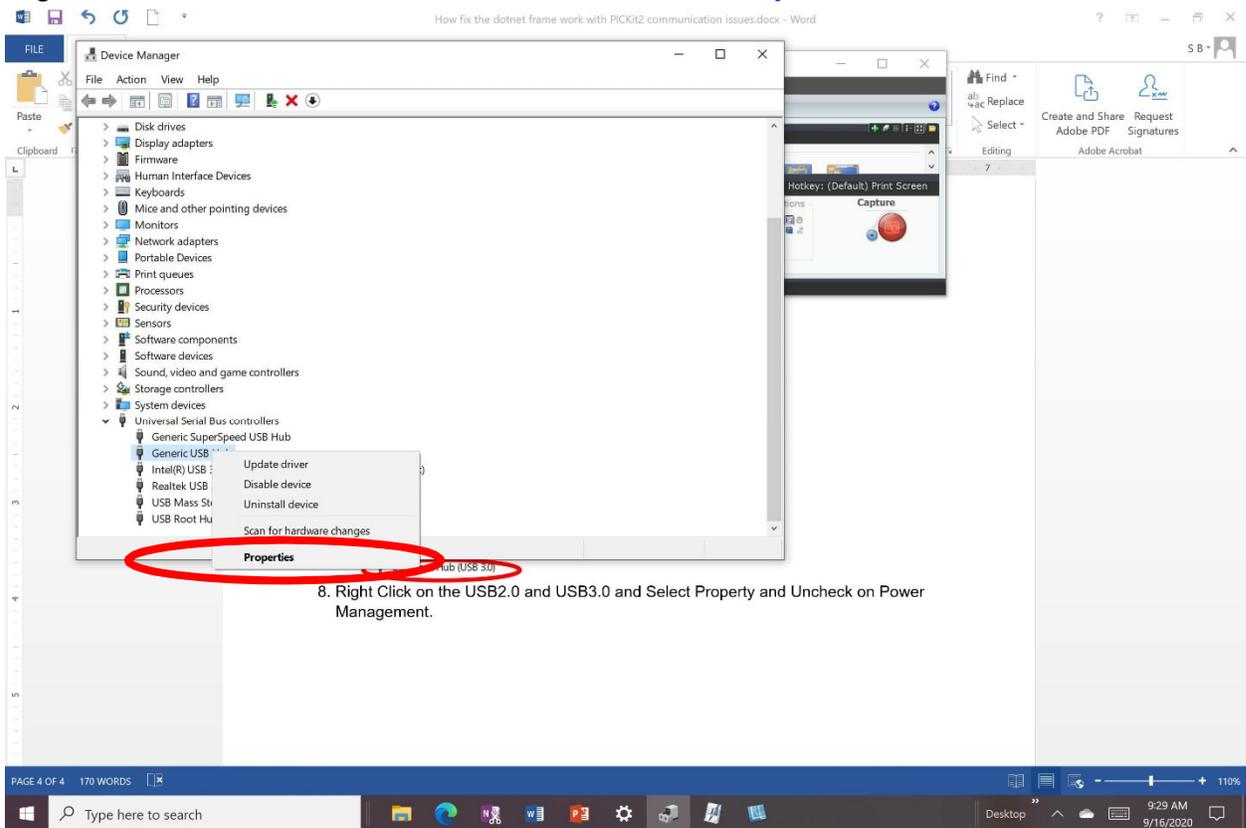Uninstall any gray out device and make sure the **USB Input Device is migrated**.
By click/select on the **USB Input Device is migrated and** Right Click on it.

7. Under the same **Device Manger**, Click the **Universal Serial Bus controllers**:

> 📷 Human Interface Devices
> ⌨️ Keyboards
> 🖱️ Mice and other pointing devices
> 🖥️ Monitors
> 🖧 Network adapters
> 📱 Portable Devices
> 🖨️ Print queues
> ⚙️ Processors
> 🔐 Security devices
> 📟 Sensors
> 🗗 Software components
> 🚪 Software devices
> 🔊 Sound, video and game controllers
> 🖴 Storage controllers
> 🖳 System devices
∨ 🔌 Universal Serial Bus controllers
    🔌 Generic SuperSpeed USB Hub
    🔌 Generic USB Hub
    🔌 Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)
    🔌 Realtek USB 2.0 Card Reader
    🔌 USB Mass Storage Device
    🔌 USB Root Hub (USB 3.0)

8. Right Click on the USB2.0 and USB3.0 and Select **Properties**:

9. Select the **Power Management** and **Uncheck on Allow the computer to turn off this device to save power**:
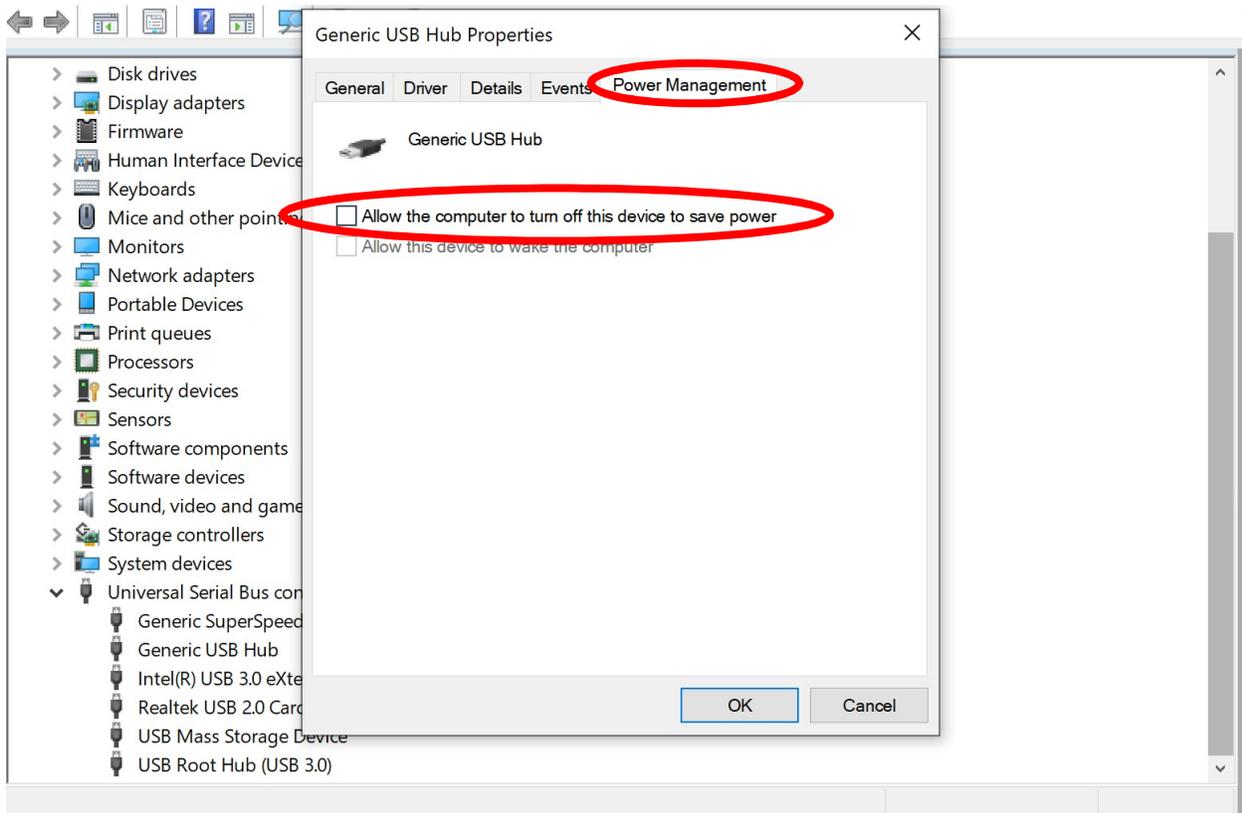
10. If your computer do not have the USB2.0 drive, then you need to download the appropriate drive and install it on your device, then repeats Step #6-9

Note: You may need to connect the board (power and USB) with your computer and reboot the computer to let recognize the PIC Trainer board to run the PICKit2 programming software.