**I. Steps to install ArcGIS 10, Visual Studio, and ArcGIS .NET environment  
 (for working with C# Add-ins)** Video of these steps can be found at [go.ncsu.edu/arcgis10spinstall](http://go.ncsu.edu/arcgis10spinstall)

**Step 1.** Download and install Mount Iso ….This is a free ware program that allows you to mount ISO images .

<http://www.magiciso.com/tutorials/miso-magicdisc-history.htm>

Note there are Tutorials on how to use it on that site.

**Step 2 (Install MS Visual Studio).** Since CNR has joined the Microsoft Academic alliance you will be able to download and use Microsoft Visual Studio for free. You should have already received an email with your user name and password. If you have not received this please email [cnr\_help@ncsu.edu](mailto:cnr_help@ncsu.edu) requesting your login information.

Login website:

<http://msdn01.e-academy.com/elms/Storefront/Home.aspx?campus=cnr_ncsu>

After Logging in click on the Software tab. Then click on search by product titles And look for Visual Studio 2010 Ultimate. Follow the steps to add to cart and then download. Note: The file you initially download is small and needs to be run to actually download the iso.

After downloading the iso file you will need to use mount the iso using the mount iso program.  
Once you have mounted the iso it will show up as a drive letter under your computer. Navigate to the   
Drive letter and run autoexec.exe …which will launch visual studio and follow the prompts to install a complete install.

**Step 3.** **Install ArcGIS (or add the SDK if already installed)**

Download ARCGIS 10.1 ISO

<https://velocity.ncsu.edu/dl/oPAam0S/64010>

After downloading the iso…Use mount iso to mount it as a drive letter. Then go to that drive letter and click on esri.exe.

Then choose ARCGIS desktop …hit next and follow the steps for a complete install (or if you already have ArcGIS installed, select the items listed below). When it ask for a license server, use: uni10l.unity.ncsu.edu

Then click on setup next to ARCGIS Data Interoperability…Follow the prompts to install  
Then click on setup next to ARCGIS DESKTOP VBA Resources for Developers. ..follow prompts to install  
Then click on setup next to ARCOBJects SDK for the Microsft .NET Framework

**Step 4.** **Specify License sever.** Open ArcGIs Administrator >Choose ArcInfo (concurrent) and then set the license manager to point to uni10l.unity.ncsu.edu

**II. Steps to Install PythonWin.**

**Step 1 (Install PythonWin).** Python is automatically installed with ArcGIS (Usually it is here: C:\\Python27\\ArcGIS10.1\\). After installing ArcGIS 10.1, you can now install the corresponding version of PythonWin. Download and install PythonWin for Python 2.7

<http://sourceforge.net/projects/pywin32/files/pywin32/Build%20217/pywin32-217.win32-py2.7.exe/download>

**Step 2 (Test PythonWin).**

We have seen an issue where the path file is not set correctly in PythonWin. To test to make sure your PythonWin is configured correctly open up PythonWin:

type import sys and hit enter

Then type import arcpy

if you receive any errors then your path is not set correctly. To correct that, open   
C:\Python27\Lib\site-packages\pywin32.pth with notepad.exe .   
Copy the following lines into the file and save.

C:\\Python27\\ArcGIS10.1\\Lib\\site-packages\\pythonwin  
C:\Program Files\ArcGIS\Desktop10.1\arcpy  
C:\\Python27\\ArcGIS10.1\\DLLs  
C:\\Python27\\ArcGIS10.1\\lib  
C:\\Python27\\ArcGIS10.1\\lib\\plat-win  
C:\\Python27\\ArcGIS10.1\\lib\\lib-tk  
C:\\Python27\\ArcGIS10.1\\Lib\\site-packages\\pythonwin  
C:\\Python27\\ArcGIS10.1  
C:\\Python27\\ArcGIS10.1\\lib\\site-packages  
C:\\Python27\\ArcGIS10.1\\lib\\site-packages\\win32  
C:\\Python27\\ArcGIS10.1\\lib\\site-packages\\win32\\lib  
C:\Program Files\ArcGIS\Desktop10.1\ArcToolbox\Scripts  
C:\Program Files\ArcGIS\Desktop10.1\Bin

Then retest by closing PythonWin and starting it again and typing import sys …then import arcpy. If you don’t get an error, it’s working correctly.