

# CS/CE MSDN-AA Software

Microsoft software licenses are available **free** to students currently enrolled in a course taught by the Computer Science Department at Harding University by using the Microsoft Developer's Network – Academic Advantage program.

## What Software?

All Microsoft development Tools, languages and operating systems are available. However, Microsoft Office is **NOT** available under this agreement.

## How do I get access?

To get the software you must agree to and sign a Student Use Agreement contract available from your professor. **Each student must sign a new Student Use Agreement each semester.** After your Student Use Agreement contract has been received and processed, you will be granted access to the MSDN-AA Resources web site. A link to this web site is available at <http://cs.harding.edu>.

It may take a day or two after you sign the Student Use Agreement form before your username is added to the authorized list for the MSDN-AA site. If, after two business days, you are still denied access to the web site, contact the Computer Science department main office (Science 100) at 279-4361

## Using CD / DVD Images

For most of the products, you will download an .ISO file which is a compressed image of a CD or DVD disk. Software products such as Roxio and Nero may then be used to burn an actual CD/DVD using the .ISO file. The CD/DVD that is created will be the same as one that could be purchased directly from Microsoft; thus, it could then be used for the installation process. Roxio is available for use in the Science 201 lab (however, the drives in this lab will not currently burn DVD disks, only CD-R).

Another option is to use software that creates a virtual CD/DVD drive and “mounts” the .ISO file as if it were a literally CD or DVD. You can then install the software product as if you had a real CD/DVD mounted in a real drive. One virtual CD/DVD software product is called “Virtual CloneDrive” and is available as a free download. Daemon Tools is another free option that has several other tools in addition to virtual CD/DVD drives.

Here are some instructions for using “Virtual CloneDrive” – other software products accomplish similar tasks:

- 1) Install and Run “Virtual CloneDrive”.
- 2) Select the number of virtual drives you wish to use. One drive should be sufficient. Click the OK button.
- 3) Open up the “My Computer” window and right-click on the new CD/DVD virtual drive.
- 4) Select the “Virtual CloneDrive” option and follow the arrow to select “Mount” option.
- 5) Browse to find and select the .ISO file that you downloaded from MSDN-AA.
- 6) When you click “Open”, the virtual drive will behave as if an actual CD/DVD was mounted and you may begin the installation of your new software!
- 7) When you are finished with the virtual disk, right-click the drive icon and select “Eject”.
- 8) If you would like to remove the virtual drive, re-start “Virtual CloneDrive” and set the “Number of Drives” to “Disabled”.

## Product Keys

Many of the products available from Microsoft via the MSDN-AA program require an installation product key (Visual Studio 2008 is a notable exception to this rule). You should find an option to download the necessary key when you download the software product; however, if you have trouble obtaining a key, contact Dr. Steve Baber ([baber@harding.edu](mailto:baber@harding.edu) or 279-4266).

## Be honest

We are counting on you to use our licensing agreement with Microsoft in an ethical manner. Please do not distribute any of this software to your family or friends.