Geographic Information Systems Software
Installation Notes – Dr. Taylor – Earth Science – Western Oregon University
June 14, 2007

The following notes are for use with GIS software that is site-licensed and/or shareware.

I.   ArcGIS 9.2 Software

This software is licensed through a cooperative agreement between all OUS institutions, Oregon Community Colleges, OETC, and ESRI, the software developer. Software licensing is managed by a license server at: wolfman.wou.edu

The license code is updated annually, the last update was May, 2007, and will expire June 2008.

To Install Software:

(A) Install ArcGis9.2 Desktop to the local hard-drive / for use with local processor.
(B) There are three levels of functionality and installation: ArcView (lowest), ArcEditor, and ArcInfo (highest). Use the ArcInfo-level install with all of the available extensions.
(C) At the License Manager Option screen, select the Browse to a License Manager on a network option and enter the name of the machine where the License Manager resides (burns.wou.edu).
(D) Software will install
(E) Test to make sure software is installed / functioning

II.   ArcView 3.3 Software

This software is also licensed at WOU for site-wide use. The licensing is handled on a case-by-case, local machine level. The software will ask for the license number at the first time it is run from the desktop. The WOU ArcView license number = 825851117097. The software should be installed and run on the image model, entering the license number, before ghosted to other lab machines. In addition to the main ArcView3.3 install disk, there are three additional extensions that must be installed subsequently: Spatial Analyst, Image Analyst, and 3-D Analyst. All ArcView Software will be installed by default to the local hard-drive: C:\ESRI Once the main ArcView install is complete, the extensions will default to the C:\ESRI folder.

To Install ArcView 3.3 Software:

(A) run setup.exe ArcView 3.3, install to local hard-drive / for use with local processor (C:\ESRI folder).
(B) Run ArcView for first time, enter license number 825851117097 when asked.
(C) Install setup.exe Spatial Analyst, default to C:\ESRI folder
(D) Install setup.exe Image Analyst, default to C:\ESRI folder
(E) Install setup.exe 3-D Analyst, default to C:\ESRI folder
(F) Test to make sure software is installed / functioning

III.   ArcView 3.3 Windows XP Patches

There are two XP patches that solve a number of glitches with ArcView 3.3, one patch is for the main program and the other for Image Analyst. Once ArcView and extensions are installed in section II above, find the following patch software found on the CD labeled "GIS Patches, Extensions, Additional Software".

To Install patches:

(A) Locate CD folder: ArcView3x_XP_Patches
(B) Zip Extract / Run file: ArcViewGISPatch4WinXP.zip
(C) Zip Extract / Run file: image_analyst_XP_patch.zip
(D) Test to make sure software continues to function after patching

IV.   ArcView Extensions – other miscellaneous tools

There are several additional extensions to add the the C:\ESRI folder once installation and patches are complete. Find the following extension and documentation software on the CD labeled "GIS Patches, Extensions, Additional Software".

To Install Extensions:

(A) Locate CD folder: ArcView3x_Extensions
(B) Copy all of the *.avx extension files to the following folder on the hard-drive:
     C:\ESRI\AV_GIS30\ARCVIEW\EXT32
(C) Locate the "AVStat" and "Xtools documentation" folders on the CD, copy the entire folders into the
     C:\ESRI folder on the hard-drive.

V.   Terrain Analysis Systems Shareware (TAS 2.09)

This raster-based GIS software is used for watershed and hydrologic analysis. It is shareware that is made available by the author john.lindsay at Manchester University. The software is located in the "Terrain_Analysis_Shareware" folder on the CD labeled "GIS Patches, Extensions, Additional Software".

To Install TAS 2.09 Software:

(A) Locate the CD folder "Terrain Analysis Shareware"
(B) Run the *.exe file entitled: TAS209.exe
(C) Install the software to the install to local hard-drive / for use with local processor (C:\TAS folder).
(D) Test to make sure software is installed / functioning

VI.   Getting to Know Arcview GIS Tutorial Software

This tutorial software is a self-contained version of ArcView for use with a set of tutorial manuals.

To Install GTKAV software:

(A) Locate GTKAV install CD
(B) Run setup.exe / install to local hard-drive / for use with local processor (C:\GTKAV folder).
(C) Test to make sure software is installed / functioning