Clean and Protect your Computer Mac OS X 10.3.x

On a Computer with Internet Access, print these instructions and download the Virex program (step 3b below) to a CD, USB Flash Drive, or other removable media. Then follow the instructions to set up protection for your computer.

1. Activate Mac OS X Firewall

From the Apple menu, select System Preferences. In the System Preferences window, open the Sharing folder under the Internet & Network heading:



In the Sharing window, select **Firewall** in the selection bar.

	Services Firewall Internet	
Firewall On Stop	Click Stop to allow incoming network communication to all se ports.	rvices and
Allow:	OnDescription (Ports)Personal File Sharing (548, 427)Windows Sharing (139)Personal Web Sharing (80, 427)Remote Login - SSH (22)FTP Access (20-21, 1024-65535 from 20-21)Remote Apple Events (3031)Printer Sharing (631, 515)	New Edit Delete

Your window should look like the one above. If your system shows Firewall Off, click the Start button to turn Firewall On.

2. Turn File Sharing Off

Click **Services** in the selection bar:

	Services	Firewall Internet
Select	a service to change its setting	5.
On	Service	Personal File Sharing Off
	Personal File Sharing	(Stant)
	Windows Sharing	Start
	Personal Web Sharing	Click Start to give users of other computer
	Remote Login	
	FTP Access	

If your system is showing Personal File Sharing On, click the Stop button to turn File Sharing Off.

3. Use Up-to-Date Anti-Virus Software

- a. Remove any previously installed **Virex** software:
 - i. From the **Finder** menu, select **File** then select **Find**.

⊖ ⊖ O Find	
Search in: Local disks	
Search for items whose:	
Name 🗘 contains 🗘 virex	$\odot \oplus$
Content includes	$\odot \oplus$
	Search

- ii. In the "Search for items whose:" section of the window, select **Name** and **contains** and type **virex** in the text box.
- iii. After the search is complete, drag all Virex files to the **Trash**.
- b. Install the latest version of Virex: http://www.udel.edu/topics/virus/mcafee/mac/index.html

Note: If you are connecting from another ISP, before you can download the Virex software, you will have to go to <u>http://www.udel.edu/topics/virus/mcafee/</u> and click the link for UD community members using another ISP (this link applies to Macintosh as well as Windows users). After you have authenticated using UD's Proxy Server, you will be able to download UD software.

4. Set Software Update to Check for Updates Daily

- a. From the Apple menu, select **System Preferences**.
- b. Select **Software Update** in the System section.
- c. Configure settings as shown below:

	Update Software	Installed Updates	
Software Undate	checks for new and unc	lated versions of your softwa	re based o
information about	ut your computer and cu	irrent software.	ie basea o
Check for upo	lates: Daily		
		•	
🗹 Download	important updates in th	e background	

5. Perform Periodic Maintenance to Keep Your System Healthy

- a. On your hard drive, select Applications.
- b. Select the **Utilities** folder.
- c. Click the **Disk Utility** application. You will see a window like the one below:

🗐 111.8 GB ST3120024A	First Aid Erase Restore
G4Panther 27.9 GB Apple Compute judi's iPod WriterSubmits.dmg	To use First Aid, select the volume and click a repair button. • You can verify or repair any volume format supported by Mac OS X. • First Aid cannot repair a write-protected disk, a CD-ROM, or a disk with repair or verify the startup disk, boot from the Mac OS X Install CD and se from the Installer Menu. • You may only repair permissions on a volume with Mac OS X installed. • If Disk Utility cannot make repairs, try other disk repair programs or bac and erase the volume.
	Verify Disk Permissions Repair Disk Permissions Repair access control permissions if necessary

d. Select the name of your hard drive in the left pane, and with **First Aid** selected in the selection bar, click **Repair Disk Permissions**. Upon completion, quit Disk Utility. (It is recommended that you run Disk Utility after installing any new software.)