

Preparing for Summer

Whether you're graduating or returning next fall, it's time to start getting your laptop ready for the end of the school year.

Graduating Seniors

If you're graduating this spring, there are a few important things to know.

To get your computer clean and ready for a fresh start, reloads and cleanings are available at the Help Desk Monday through Friday 8am-5pm.

Now is the time to start saving emails and data from public folders—it's possible to save the important emails in your inbox to your hard drive, or to forward them to another email account.

Senior accounts will be deactivated on July 9, 2007.

That means that graduating seniors will no longer have access to Rose email, and all other network services.

After June 1, graduates who require laptop service must contact 1 800 HPIN-VENT (474-6836) for laptop service.

Graduates must complete the Microsoft Campus Agreement Student License Confirmation form, available at www.rose-hulman.edu/TSC/software/licenses/mslicense.pdf to convert your licenses to perpetual licenses.

Purchase any software you'd like to reinstall later at the RH Bookstore.

Returning Students

It can be hard to keep lap-

tops safe and working over the long summer months. Returning students who need laptop service may visit the Help Desk during regular business hours of Mon-Fri 8am-5pm. However, if you're too far away to visit, you may either call the Help Desk at 1 812 877-8989 or send Email to helpdesk@rose-hulman.edu.

When traveling with your computer, make sure that it is protected from shock, drops, spills, and extreme heat.

In addition to physical protection, make sure to keep up with virus protection updates and malware removal.

Have a great summer!

Malware and Virus Protection

Viruses remain a threat to computers, and with the increasingly always-on nature of consumer internet connections, viruses can spread faster than ever before.

To help keep your laptop safe, regularly update McAfee's virus definitions by hand. To do so, right-

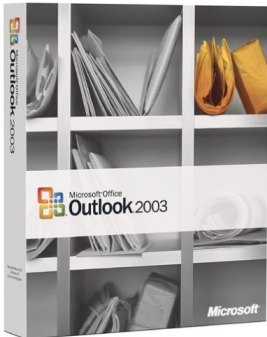
click on the McAfee icon in the system tray and select "Update Now".

In addition to viruses, spyware and adware remain a serious problem. Using programs such as Ad-Aware, Windows Defender, and Spybot S&D will not only

protect your computer from harm, but also keep it running quickly.

To learn how to install and use these programs, visit our website at www.rose-hulman.edu/TSC. Under Services->Viruses and Malware you'll find a guide to malware removal.

Let Outlook organize your email for you automatically



With the increasing volume of email that bombards inboxes, email organization has become more a necessity than a luxury. But who has time to sort through all that email? With these simple steps, you can let Outlook do all the organization for you.

Creating folders

The first step to organizing your email with Outlook is to create folders for the common type of emails you receive, such as “All Campus”, “ANGEL Mail”, or “Clubs”. To create a folder, right-click on the

folder labeled “Mailbox-[Name]” and click “New Folder”. Create a name for the folder and select where you’d like it to be created, then click “OK”.

Creating Rules

Now that you’ve created places for your email to go, it’s time to tell Outlook how to route your mail as it comes in.

This is achieved by applying what are called “rules” to each email. To create a new rule, click on “Tools” and “Rules and Alerts”. The Rules and Alerts will now be open. From here,

you can create new rules using the “New Rule” button, which will open an intuitive interface that steps through creating rules. You can also manage the rules you have already created, which will appear in the middle frame of the window.

For more information on email rules, helpful tips for Microsoft Outlook, and information about Microsoft’s Office products in general, visit:

office.microsoft.com.

“You can let Outlook do all the email organization for you.”

New wireless connections for Rose laptops

As many have no doubt noticed by now, the RHIT 1-X network is now available for use on all Rose laptops except the HP NW8000.

The 1-X network improves on the existing RHIT net-

work by eliminating the necessity of running the VPN client each time a connection to the wireless network is established.

If you’re a freshman, your computer is already set up to use the 1-X network, as

it is if you are a sophomore or junior if you have had a reload recently.

If you’d like to take advantage of this new network, visit the Help Desk and we’ll be happy to set it up for you.

Customize the Barracuda Spam Firewall

Are there any questions you’d like to see answered in the next edition of The Kernel? Let us know!

Send us an email at helpdesk@rose-hulman.edu detailing your question.

If we like your question, we’ll answer it in the next issue?

Rose-Hulman now provides protection against unwanted email: Barracuda Spam Firewall.

This program can block, quarantine, or tag emails based on an algorithm that checks for words, phrases, and structures in the email

to decide how likely it is to be spam.

What happens to those emails after a decision is made, though, is dictated by settings available on the configuration page at <https://rhspam.rose-hulman.edu>. Once on that page, clicking

“Preferences” will bring up a list of options, allowing you to block specific addresses, change the strictness of the filters, or always allow certain senders.

Making Barracuda work the way you want it to can save a lot of time and frustration.

Planned Computer and Network Modernization Activities for Summer 2007

Additional wireless access points will be deployed in academic and administrative buildings to improve wireless signal coverage. The locations of these additional wireless access points will be based on site surveys that measure signal strength. The additional wireless access points, along with the IEEE 802.1x network authentication, should reduce the number of locations with poor signal strength and make connecting to the wireless network simpler.

The existing Kerberos authentication environment will be modernized during the summer. The current MIT Kerberos Key Distribution Centers (KDC) will be migrated to Microsoft Windows domain controllers. This move necessitates that the Microsoft Windows domain name be changed from MS.ROSE-HULMAN.EDU to ROSE-HULMAN.EDU. For the majority of campus users the change should be fairly transparent, requiring only a couple of reboots for the changes to be reflected on the user's system. The Windows logon screen will change to reflect the new domain name. For desktop users the Kerberos realm option will no longer be available under the "Log on to:" dropdown box.

An additional consequence of the domain rename is that the domain controllers names will change. This will be most noticeable in web-based applications like webmail and AN-GEL. These web-based applications will likely display a certificate error when the page is first accessed. This requires that a new Rose-Hulman root certificate be created. Information on the availability and installation process for the new Rose-Hulman root certificate will be available on the TSC web pages once the domain has been renamed and the new certificate has been created.

IAIT will begin deploying Microsoft Office 2007 in late summer and early fall. In preparation for this upgrade the Microsoft Office Compatibility Toolkit will be pushed to computers connected to our Windows domain. This includes the majority of Microsoft Windows-based laptop and desktop computers. The compatibility toolkit will allow the Microsoft Office 2002/XP and 2003 suites to open and edit files created with Microsoft Office 2007 applications. Microsoft Office 2007 Enterprise includes three new applications, OneNote, Groove and SharePoint Designer. SharePoint Designer is intended as a replacement for Front Page (Microsoft plans to

eventually discontinue the Front Page product).

New services are also planned for fall availability. These include Microsoft's Distributed File System (DFS) and SharePoint Portal. DFS is a network file system similar to the AFS file system currently in use at Rose-Hulman except that no client is required for access and it uses familiar Windows security semantics for files and folders. Additional information concerning these services will be available after the beginning of the fall term.

IAIT will implement a password policy (as required by Rose-Hulman's audit firm) on all network computer accounts. This policy will require passwords to be changed at least once per year. Plans are to expire user passwords several weeks after school begins in the fall, possibly in late September or early October. Passwords will have to meet minimum complexity, length, age and history requirements. Specific information on this policy and the implementation details will be made available later.