



# TCC Hotline



New Mexico Institute of Mining & Technology  
Tech Computer Center

Orientation 2007

## Computer Classrooms

The following computer classrooms with PCs that dual boot both MS-XP and Linux with 100MB Ethernet connections are available. These rooms must be scheduled through the Registrar's Office for classes but are available for student use when not scheduled.

ROOM	#-PCs	ROOM	#-PCs	ROOM	#-PCs	ROOM	#-PCs
Cramer-101	1	Cramer-120	1	Library-208	19	JonesA-101	1
MSEC-101	1	MSEC-103	1	MSEC-105	1	MSEC-187	9
Speare-4	35	Speare-23	13	Speare-116	22	Weir-102	1
Weir-128	19	Weir-209	19	Workman-101	1		

The following public labs can not be scheduled for classes but are available for walk-in use:

ROOM	#-PCs	ROOM	#-PCs	ROOM	#-PCs	ROOM	#-PCs
Fidel-130	13	Speare-5	19	Speare-15	14		

## Email Quotas

As approved by the Faculty Council, email quotas will be enforced effective May 15, 2006. Single email messages, including attachments, will be limited to 40MB. (Use ftp or sftp to send larger files) If your undeleted email INBOX exceeds 350MB, no further email will be delivered to your account. Such email will be returned to the sender. To stay under the 350MB quota:

- a) Delete un-needed email messages.
- b) Save needed email messages to a folder. (this moves the email message out of the INBOX)
- c) Extract needed email attachments to a file and delete the message

Note that a user now has **two disk quotas**, one disk quota, which is currently set to 400MB, for their normal files, and a new disk quota for their email will be set to 350MB. You can view your email INBOX disk quota and usage at:

<https://webmail.nmt.edu/> (login and your INBOX quota is displayed in the left-hand column)

or by issuing the command:  
mail\_quota (in Linux)

## New Spam Assassin

Under the old Spam Assassin, email that was identified as spam was blocked and not delivered. Under the new Spam Assassin, email that is identified as spam is delivered to the recipient **BUT** it is stored in a special *username.spam* folder. The email in this folder may be read by the recipient to identify any messages that they wish to be delivered as normal mail. This is easily done by creating a whitelist for that sender. See:

<https://webmail.nmt.edu/spam>

The *username.spam* folder is **NOT** counted as part of a user's disk quota. However, to ensure that the disks containing this folder do not fill up, all email residing in the *username.spam* folder will be deleted when it is 30 days old.

The old user\_prefs file for Spam Assassin is no longer read. Any whitelist or blacklist information should be defined using the web page <https://webmail.nmt.edu/spam>.

If you receive email that you consider spam, please forward it to [postmaster@nmt.edu](mailto:postmaster@nmt.edu) so that we can add it to our filters.

## New Login Server Installed

A new login server named LOGIN.NMT.EDU has been installed. Users may log in to it like they do with RAINBOW.NMT.EDU. The new login server is faster than RAINBOW and is already running Redhat Linux version Fedora Core 2. Note that the existing TCC clients, such as in Speare 4 and Weir 128, are already running Redhat Linux version Fedora Core 2.

## Saving Files with Microsoft

When utilizing Microsoft Windows, be sure and periodically save any files that you are creating or modifying. It is important that you save the file to the U: drive where they will **be backed up**. If you save a file to the C: drive, it will be deleted that night.

## Change your Password via the Web

Users may now change the password of their TCC account via the web. Just follow these three steps:

1. Using your favorite web browser, open the page:  
<https://infohost.nmt.edu/tcc/chpasswd.php>
2. Click the "Yes" button to accept the Certificate
3. Fill out the fields and click the "**Submit New Password**" button

This page will be especially useful for Alumni Basic account holders.

## Forwarding your Email via the Web

If you need to forward your email from your TCC account to another email address, you may do this via the web. Just follow these three steps:

1. Using your favorite web browser, open the page:  
<https://infohost.nmt.edu/tcc/forward.php>
2. Type in your TCC Username and password
3. Click on the “**Login**” button
4. Enter the new email address that you want your email forwarded to
5. Click on the “**Submit changes**” button

## New Scanners

Five new Epson 4180 scanners have been installed to replace the old HP 6180 scanners in room 5 of the Speare building. The Epson scanners support 4,800 dots per inch resolution and use the faster USB-2 communication. Tests show that the Epson scanners can generate a file of a color scan in 4 minutes that took 45 minutes using the old HP scanners. One of the Epson scanners has an auto document feeder.

## Email not Backed Up

As requested by the Student Association and the Graduate Student Association, unread email will not be backed up. If you read an email message and save it to a file, it will however be backed up. This recommendation is a continuation of a long standing TCC policy.

## Speare 5 "Special Use" Machines

Many of the machines in Speare 5 are "*special use*" machines (primarily for: scanning, CD burning, DVD authoring, or photo editing). If you are just doing ordinary things (like: reading email or web browsing) please use the machines in Speare 4, 9, 14, or 15.

## VPN Server

A VPN (Virtual Private Network) server [vpn.nmt.edu](http://vpn.nmt.edu) has been installed in the TCC. This will permit users of the TCC who are not on campus to remotely connect to TCC servers as if they were on campus. This will permit our users to utilize software, databases, and resources that are restricted to our 129.138 IP address (**such as the databases in the Skeen Library**). Note that you have to have a valid TCC username and password. The transmission of the username and password is encrypted to ensure security. Under MS Windows, it uses PPTP (Point-to-Point Tunneling Protocol). To Create a VPN connection to the TCC in Microsoft Windows 2000:

1. Click on "Start" -> "Settings" -> "Network and Dialup Connections"
2. Double Click on "Create New Connection"
3. Follow the instruction from Microsoft, making sure to select "VPN" as the "Network Connection Type". This is **NOT** a dial-up connection so make sure to read the options during the setup of this connection.
4. The "Destination Address" is [vpn.nmt.edu](http://vpn.nmt.edu)

To connect to the VPN server, double click on your new connection icon that was created above and login with your current TCC username and password. There will be no charge for this service.

## **100MB Portable Ethernet**

The northeast half of room 14 of the Speare building has been setup to accommodate users with portable PCs that have cabled Ethernet cards. To utilize this Ethernet connection, you must have a valid TCC username. You can take your portable PC to room 14 and plug in to any *unused* Ethernet cable provided there. You may **NOT** use the Ethernet connections in any other TCC room. To activate Microsoft Windows to use this function, you have to enable DHCP on your PC and then activate VPN as described above. There will be no charge for this service.

## **Microsoft Update Server**

It is imperative that users keep their licensed copy of Microsoft Windows up to date. If you do not keep Windows current, then you are susceptible to computer virus and worms. Every night, the TCC updates its copies of Windows from the Microsoft web site <http://windowsupdate.microsoft.com>. We store those updates on our server [windowsupdate.nmt.edu](http://windowsupdate.nmt.edu).

If you wish to ensure that your version of Windows is current, you could launch MS Internet Explorer (note that Netscape will not work) and connect to <http://windowsupdate.microsoft.com>. But your connection will run slower and if numerous people from NMT attempt to use Microsoft's web site, then it decreases the bandwidth for all involved.

A better solution is to download the file [http://www.nmt.edu/tcc/download/NMT\\_Windows\\_Update.exe](http://www.nmt.edu/tcc/download/NMT_Windows_Update.exe) and execute this self-extracting file. The installation instructions are included in the file. It will install a task on your computer that automatically connects to the TCC server [windowsupdate.nmt.edu](http://windowsupdate.nmt.edu) every day and updates your licensed copy of Microsoft Windows. There will be no charge for this service.