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Questions, comments and corrections for this site: lynch@unt.edu

Site was last updated or revised : June 17, 2005

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Campus Computing News

What Every UNT Student Should Know about Computing Services

By [Dr. Elizabeth Hinkle-Turner](#), Student Computing Services Manager

It is that time of year again: endless freshman, graduate, and transfer student orientations. Lots of students and parents to meet and greet and to inform about all of the many computing services available to them at UNT. After reading a general message to everyone about looking out for these students and helping them as they make their way in their new campus environment, I thought I would give readers a 'head's up' about some basic computing facts that every student needs to know. I give this presentation to all incoming students and their parents but any and all readers may get asked these questions also. Here is your Student Computing Guide for 2005!

The Computing and Information Technology Center and its associates offer a wide range of services to registered students. These include: Internet and E-mail accounts, the my.unt.edu portal for registering for classes and paying bills, the general access computer labs, extensive digital file storage resources, wireless networking, free virus protection, tons of computing training, and the every-ready helpdesk. In addition, Housing offers the high-speed ResNet residential computing network.



Every student is given an E-mail (EagleMail) account. This account is the official means of communication between the university and the students. EagleMail can be accessed at <http://Eaglemail.unt.edu>. All students should read their EagleMail regularly. If a student already has an E-mail account from someplace like Hotmail or AOL, they can easily forward their EagleMail to that preferred address by going to the Account Management Page at <http://ams.unt.edu>. This site is invaluable for many other student account services too like changing their enterprise password and checking to see when their current password will expire.



<http://my.unt.edu> is pretty much 'command central' for many of the registration-and-payment-related activities a student will do. This portal is designed to provide a central web location where UNT community members can access the Enterprise Information System (EIS) and other available online services using a single login. Current UNT Students can use my.unt.edu online services to register for classes, view their course descriptions and pay for tuition. UNT Admission and Financial Aid Applicants can check their admission and financial aid status once UNT creates and sends them an EUID.



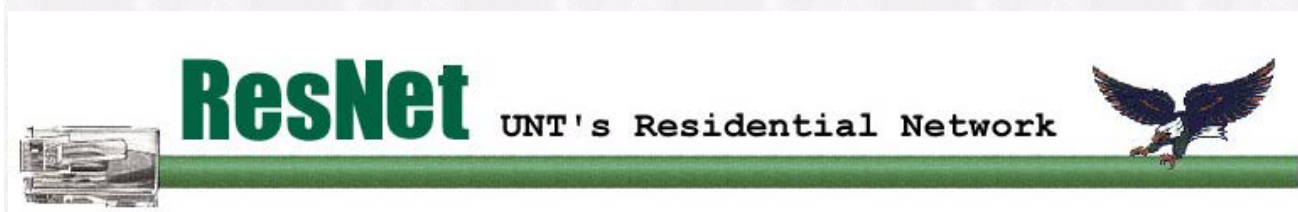
The Music Lab has a lot of specialized hardware and software for music majors and music enthusiasts

Even if a student brings a computer to campus, he or she will most likely use the [General Access Computer Labs](#). Students take advantage of the labs' free printing services and also use the labs to access expensive and highly-specialized hardware and software they may need for their major work. The UNT system has 14 general access computer labs including one at the Research Park and one at the Dallas Campus. The labs feature both Windows and Macintosh systems with the highest concentration of Macintosh computers being in the labs located in the Music and Art buildings. The standard software on all machines includes Internet Explorer, Netscape, and Mozilla Firefox browsers as well as the most up-to-date versions of Microsoft Office. A valid UNT student ID card is needed to access these labs. Students should not forget their ID card as they will not be allowed in the labs otherwise. Below is a listing of all the lab locations and some special information about some of them:

- Art 232
- Business 333 - 335
- Chilton 255
- GAB 330
- GAB 550
- ISB 110 (has all "adaptive" and special needs equipment)
- ISB 205C (Graduate Students Only)
- Matthews 309
- Music 238
- Research Park B129 (Engineering General Access Lab)
- System Center Dallas 155A
- Terrill 220
- Willis Library (open 24 hours)
- Wooten 120



UNT Student Storage, located at <http://untss.unt.edu>, allows students to upload their documents to a centralized digital storage location for safe-keeping and for access to them at any and all other locations. For example, a student could finish writing a paper on their computer in their dorm room, upload it via the easy-to-use web interface to UNTSS, go to a general access lab, and print the paper on one of the lab's nice laser printers to turn in. The greatest thing about this is that it obviates the need for unreliable and virus-prone floppy discs. Each student has 100 MB of storage space.



ResNet is the residential ethernet network offered by Housing in all of the dorms and in many surrounding apartment complexes. The ResNet helpdesk number for more information is 940-369-7766 and their website is located at <http://www.unt.edu/resnet>. ResNet is quite easy to activate for most folks; all one needs is an ethernet card and cable (the cables are for sale in the dorms). Students are **strongly discouraged** from using this great high-speed service to download copyrighted materials! Hollywood regularly scans such networks and the ResNet folks will disconnect your machine if Hollywood calls them and tells them something like, "The computer with IP address 129.xxx.xxx.xx has 'Revenge of the Sith' on it!" A student may be liable for prosecution by Hollywood as has been evidenced by several high-profile cases at other universities. (just wait for 'Sith' to come out on DVD ok?)



The Eaglenet Wireless website located at <http://www.unt.edu/wireless> states: "The University of North Texas Computing and Information Technology Center is pleased to bring you Eaglenet, the wireless network at UNT. Eaglenet is available in selected buildings on the Denton Campus and in selected areas in the Research Park. Eaglenet supports the wireless IEEE 802.11b standard that allows you to connect your wireless network equipped laptop or other device to the network without cumbersome cables or wires at speeds up to 11Mbps." Access to the Eaglenet wireless network is accomplished by opening up a browser and logging in with one's EUID and iServices password.



The Graduate Student General Access Lab

Faculty, staff, and students can now download VirusScan 8 to use on their home computers. The software can now be downloaded from <http://www.unt.edu/security/antivirus> using their EUID and Internet Services (EagleMail) Password. It can also be purchased on CD-ROM at the university bookstore for \$3.00. All campus wide virus alerts and other campus virus information can be found at this website. This site should be checked often by students. A frequently updated online manual on all security issues, computing issues and computer etiquette is available at <http://www.unt.edu/security>.



Our super-powered Helpdesk staff are always ready to help you!

The super-powered UNT CITC Helpdesk staff is always ready to help university community members with their computing needs. New students and their parents are encouraged to contact the helpdesk before even coming to campus if they have specific computing questions. The phone number of the helpdesk is 940-565-2324. Their website is located at <http://www.unt.edu/helpdesk> and they can be E-mailed at helpdesk@unt.edu. They offer software support, tutorials, and help with all Internet and E-mail accounts. They are also the folks to call with questions about WebCT online courses. Folks are welcome to walk-in to the desk area in ISB 119 during regular business hours.

Many training opportunities are available to students also. Information about short courses in specific applications and printed tutorials can be found at <http://www.unt.edu/training>. Additionally, lots of online training in Microsoft, Adobe, and Macromedia products as well as the Linux operating system and several server-based utilities can be found on our computer-based training website at <http://www.unt.edu/cbt>. For more advanced students in statistics courses, help can be gained through Research and Statistical Support services. Check out their website at <http://www.unt.edu/rss>.



The labs can get busy around exam time - plan accordingly!

This article should provide all UNT community members with the facts they need to help incoming students and their parents during the summer orientations and in the opening days of fall. If anyone has any further questions, the best place to call is always our helpdesk at 940-565-2324. Happy Summer!

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The UNT Computer-Based Training Website has been Revised and Updated

By [Dr. Elizabeth Hinkle-Turner](#), Student Computing Services Manager

Just in time for your summer computer study, the UNT CBT website, located at <http://www.unt.edu/cbt> has been completely revised to reflect the new curriculum offered.

The new homepage is easy-to-navigate with all topics clearly described:



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The screenshot shows a web browser window with the address <http://www.unt.edu/cbt/>. The main heading reads: **Welcome to Computer-Based Training at the University of North Texas for Students, Faculty, and Staff**. Below the heading, a paragraph states: "This is the home of computer-based training at the University of North Texas. Click on the links below for information and tutorials about the new services and to login to these elearning resources." The page features several sections with icons of a computer monitor and a mouse cursor:

- Students, Faculty, and Staff:** Click here (<https://cbt.acs.unt.edu/logon.htm>) to log into Skillport and Thomson NETg training. Be sure you know your [EUID](#) and [enterprise password](#). If you have any questions or problems, please contact the CBT administrator at ehinkle@unt.edu.
Annotation: All Login links are here.
- Table of Contents of Computer-Based Training Available at UNT**
Annotation: We have well over 100 courses on 4 systems for you to choose from!
- Accessing Computer-Based Training at UNT:**
 - [General Information about Logging Into UNT Computer-Based Training](#)
 - [How to Use and Install Microsoft ELearning on Your Computer](#)
 - [Using the Adobe Education Website](#)
 - [Using Skillport Training](#)
 - [Using KnowledgeNet/Thomson NETg Training](#)
 - [Installing and Using Thomson Netg Groupwise 6.5 Training](#)*Annotation:* Here are all the tutorials you need for accessing and using online training.
- Learn more about our computer-based training providers:**
 - Microsoft Elearning - www.microsoftlearning.com - Microsoft Office and Server Training for Faculty and Staff only.
 - Adobe Education - www.adobe.com/education - Education on Adobe Products for Students, Faculty, and Staff.
 - Skillsoft - www.skillsoft.com - Education on Oracle, Linux, Macromedia, Security Issues, and Human Resources Issues for Students, Faculty, and Staff.
 - Thomson NETg - www.netg.com - Microsoft Office and Server Training for Students, Faculty, and Staff.
- Contact Information and 'Suggestion Box'**
Annotation: Where to direct any questions or problems you might have

The browser's status bar at the bottom shows "Done" and "Internet".

Users are especially encouraged to check out the CBT Table of Contents which lists the over-100 courses we offer on 4 different platforms for students, faculty, and staff. Faculty and staff are especially encouraged to begin planning departmental training and course-study enhancements using these resources.

Any further questions regarding the site and computer-based-training at UNT should be directed to myself, Elizabeth Hinkle-Turner at ehinkle@unt.edu.

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Current UNT Online Training Contents

By [Dr. Elizabeth Hinkle-Turner](#), Student Computing Services Manager

Below is a complete listing of all the computer-application training courses we have available online at UNT. Their location is also given. Be sure to check out the UNT CBT website at <http://www.unt.edu/cbt> which documents all aspects of online computer training here at the university. For any further questions about this training, contact me - the UNT CBT administrator - at ehinkle@unt.edu.



- [Microsoft ELearning](#) - installed training for faculty and staff on current Microsoft desktop and server operation systems and tools.
- [SkillSoft](#) - online training for faculty, staff and students in Human Resources issues, Java, Linux and UNIX, Microsoft Server Technologies, Web Design and Development, Macromedia Products, Security Issues and Procedures, Oracle 10g Database Technologies, Crystal Reports
- [Thomson NETg/Knowledgenet](#) - online training for faculty, staff, and students on current Microsoft Office applications and desktop operation systems
- [Thomson NETg](#) - cdrom-based training for faculty, staff, and students on GroupWise 6.5

Available from Microsoft ELearning (UNT Fac/Staff only - see your network manager for details)

- Advanced Office 2003 Training
 - Core Training for Microsoft® Office Access 2003
 - Core Training for Microsoft® Office FrontPage® 2003
 - Core Training for Microsoft® Office Project 2003
 - Advanced Training for Microsoft® Office Excel 2003
 - Advanced Training for Microsoft® Office Outlook® 2003
 - Advanced Training for Microsoft® Office Word 2003
- Microsoft Office 2000 Training
 - Core Training for Microsoft® Access 2000
 - Core Training for Microsoft® Excel 2000
 - Core Training for Microsoft® FrontPage® 2000
 - Core Training for Microsoft® Outlook® 2000
 - Core Training for Microsoft® PowerPoint® 2000
 - Core Training for Microsoft® Word 2000



- Microsoft Office 2003 Training
 - Core Training for Microsoft® Office Excel 2003
 - Core Training for Microsoft® Office Outlook® 2003
 - Core Training for Microsoft® Office PowerPoint® 2003
 - Core Training for Microsoft® Office Word 2003
 - Core Training for Microsoft® Office Professional Enterprise Edition 2003
 - What's New in Microsoft® Office Professional Enterprise Edition 2003

- Microsoft Office System
 - Core Training for Microsoft® Office OneNote® 2003
 - Core Training for Microsoft® Office Visio® Standard 2003

- Microsoft Office XP Training
 - Advanced Training for Microsoft Office XP Collection
 - Advanced Training for Microsoft® Excel 2002
 - Advanced Training for Microsoft® Outlook® 2002
 - Advanced Training for Microsoft® Word 2002
 - Deploying Microsoft® Office XP
 - Core Training for Microsoft® FrontPage® 2002
 - Core Training for Microsoft® Project 2002
 - Core Training for Microsoft® Visio® Standard 2002
 - Core Training for Microsoft® Access 2002
 - Core Training for Microsoft® Excel 2002
 - Core Training for Microsoft® Outlook® 2002
 - Core Training for Microsoft® PowerPoint® 2002
 - Core Training for Microsoft® Word 2002
 - Core Training for Microsoft® Office XP
 - What's New: Microsoft® Office 97 to Microsoft® Office XP
 - What's New: Microsoft® Office 2000 to Microsoft® Office XP

- Microsoft Server Training 1
 - Programming a Microsoft® SQL Server® 2000 Database
 - Microsoft Windows® 2000 Network and Operating System Essentials
 - Implementing a Microsoft® Windows® 2000 Network Infrastructure
 - Deploying and Managing Microsoft Internet Security and Acceleration Server 2000
 - Updating Support Skills from Microsoft® Windows NT® 4.0 to the Windows Server™ 2003 Family

- Microsoft Server Training 2
 - Administering a Microsoft® SQL Server™ 2000 Database
 - Building Microsoft® BizTalk® Server 2002 Solutions
 - Building Microsoft® Commerce Server 2002 Solutions
 - Building Microsoft® Content Management Server 2002 Solutions
 - Implementing and Managing Microsoft® Exchange 2000
 - Managing Microsoft® Windows Server™ 2003 Group Policy
 - Microsoft® Windows® 2000 Directory Services
 - Network Solutions for Small, Mid-Sized Businesses
 - Preventative Maint. for Microsoft® Windows Server™ 2003
 - Supporting Microsoft® Windows® 2000 Professional

Available on the SkillPort website (Faculty, Staff, and Students)

- Human Resources Training

- Principles of Financial Management
- Workplace Aggression: The Scope of the Problem
- Change Leadership
- Managing Your Anger
- Cash Management
- Business Ethics
- Managing Budgets Effectively

- Crystal Reports Training
 - Creating Reports with Crystal Reports

- Linux/UNIX Training
 - General Linux I
 - Using the Shell in Linux
 - Managing the Filesystem in Linux
 - Administration Tasks in Linux
 - Linux and CLI
 - Streams, Pipes, Redirects, and Processes
 - Regular Expressions and Text Processing
 - File Handling in Linux
 - File System Mounting and Management
 - Partitions, File Systems, and Disk Quotas in Linux
 - Hardware Issues for Linux
 - Hardware Configurations for Linux
 - Linux Installation Techniques
 - Debian and Red Hat Package Management
 - The X Window System
 - General Linux II
 - Hardware Considerations for Linux Installations
 - Installation and Package Management for Linux
 - Updating the Kernel in Linux
 - Editing and Printing in Linux
 - Shell Scripting in Linux
 - Networking Fundamentals for Linux Administrators
 - Networking Services in a Linux Environment
 - Security within a Linux Environment
 - Updating the Linux Kernel
 - Printing and Documentation in Linux
 - Shell Scripting in Linux
 - Administrative Tasks in Linux
 - Managing Linux Group and User accounts
 - Automating Linux System Tasks and Backup Strategies

- Oracle Training
 - Oracle Database 10g: New Features for Administrators
 - Oracle Database 10g: New Installation and Configuration Features
 - Oracle Database 10g: New Data Loading Features
 - Oracle Database 10g: New Automatic Management and Management Infrastructure Features
 - Oracle Database 10g: New Resource, Scheduling, and Task-Management Features
 - Oracle Database 10g: New Space Management Features
 - Oracle Database 10g: New Storage Features
 - Oracle Database 10g: New Tuning, Performance-monitoring, and Analysis

Features

- Oracle Database 10g: New Backup and Recovery Features
- Oracle Database 10g: Using Flashback
- Oracle Database 10g: New Features in Security and Software Maintenance
- Oracle Database 10g: New Features in VLDB Support
- Oracle Database 10g: Miscellaneous New Features

- Macromedia Training

- ColdFusion MX Developer
- DreamWeaver MX Developer
- Macromedia Flash MX Designer
- Macromedia Flash MX Developer
- Developing Macromedia ColdFusion MX Applications DreamWeaver MX
- Macromedia DreamWeaver MX for ASP.NET: Experienced
- Macromedia Fireworks MX: Foundation

- Java Training

- Java 2 Language Basics
- Creating Classes in Java 2
- Java 2 Language Features
- Core Java 2 Utilities
- Introduction to Creating GUIs in Java 2
- J2EE Architecture
- Developing J2EE Clients
- Packaging and Deploying J2EE Applications
- Java2 Security Features
- Developing Servlets
- Developing JSP's
- Developing EJBs
- Persistence and Transactional Issues Affecting EJBs
- Java Database Connectivity
- RMI and the Java Message Service
- CORBA and the Java IDL
- Web Service Technologies
- Java Technologies for Web Services
- Java Web Service Clients
- Getting Started with Java
- Creating Classes in Java
- Exception Handling and Assertions
- Operators and Flow Control in Java
- Working with Classes in Java
- Reference Types and Threading
- The J2EE Connector Architecture

- Microsoft Server Training

- Networking Concepts
- TCP/IP, Routing and Host Security
- Network Security Overview
- Information Warfare and Web Security
- Internet Security Technologies, Network Vulnerabilities
- Intrusion Detection and Risk Management
- Introducing Encryption and Cryptography
- PKI and Steganography
- Secure Communications

- Wireless Security
- Windows Security
- Windows XP Security and IIS Security
- Backing up Windows and UNIX
- Managing Software, System Services and Auditing

- Security Training
 - Introduction to Security in Networked Environments
 - Network Security Issues
 - Securing Access to Networks
 - Encryption Technologies
 - Intrusion Detection and Response in Networked Environments
 - Firewalls and VPNs
 - Security Analysis and Auditing in Networked Environments
 - Operating System and File Security Issues

- Website Design Principles
 - Design Concepts for Web Sites
 - Advanced HTML Design Elements
 - Advanced Technology Concepts for Web Designers

Available on the Knowledgenet/Thomson NETg website (Faculty, Staff, and Students)

- Microsoft Access 2003 Core Skills
- Microsoft Access 2003 Expert Skills
- Microsoft Excel 2003 Core Skills
- Microsoft Excel 2003 Expert Skills
- Microsoft Excel 2003 New Features
- Microsoft Outlook 2003 Core Skills
- Microsoft Outlook 2003 Expert Skills
- Microsoft Outlook 2003 New Features
- Microsoft PowerPoint 2003 Core Skills
- Microsoft PowerPoint 2003 Expert Skills
- Microsoft Windows 2000 End User
- Microsoft Windows XP End User
- Microsoft Word 2003 Core Skills
- Microsoft Word 2003 Expert Skills
- Microsoft Word 2003 New Features

Available on CD-Rom from Thomson NETg (Faculty, Staff, and Students - pick up CD-ROM in ISB 119 - The Computing Center)

- GroupWise 6.5 Fundamentals and Advanced Training

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Installing and Using GroupWise 6.5 CD-ROM Training from Thomson NETg

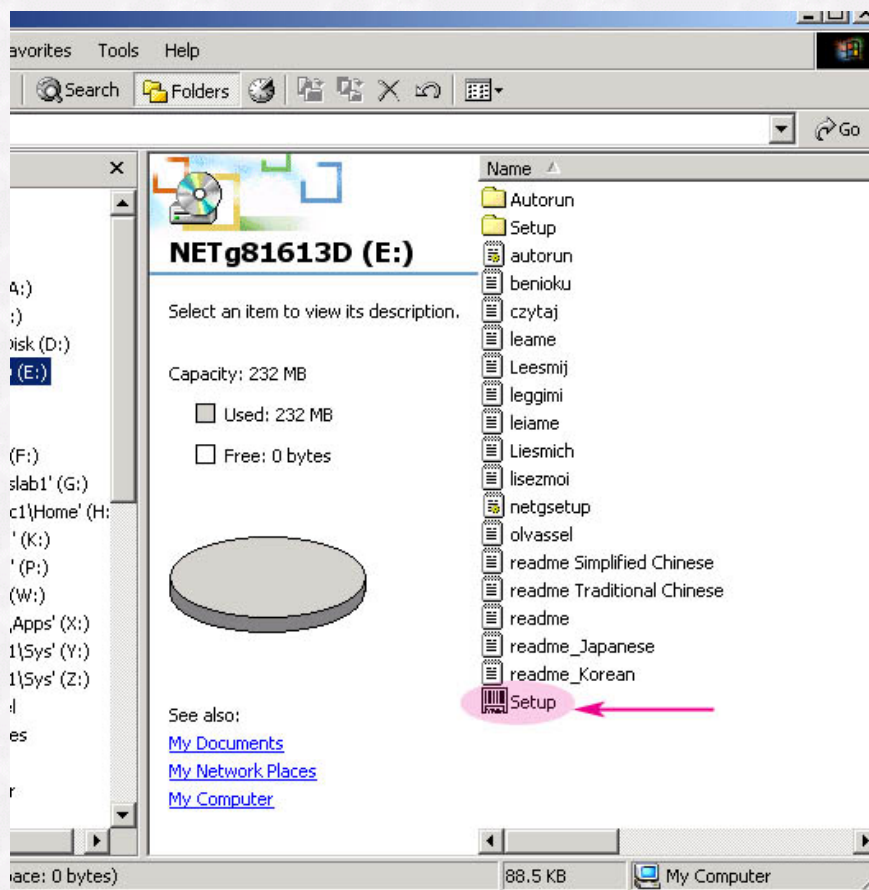


By [Dr. Elizabeth Hinkle-Turner](#), Student Computing Services Manager

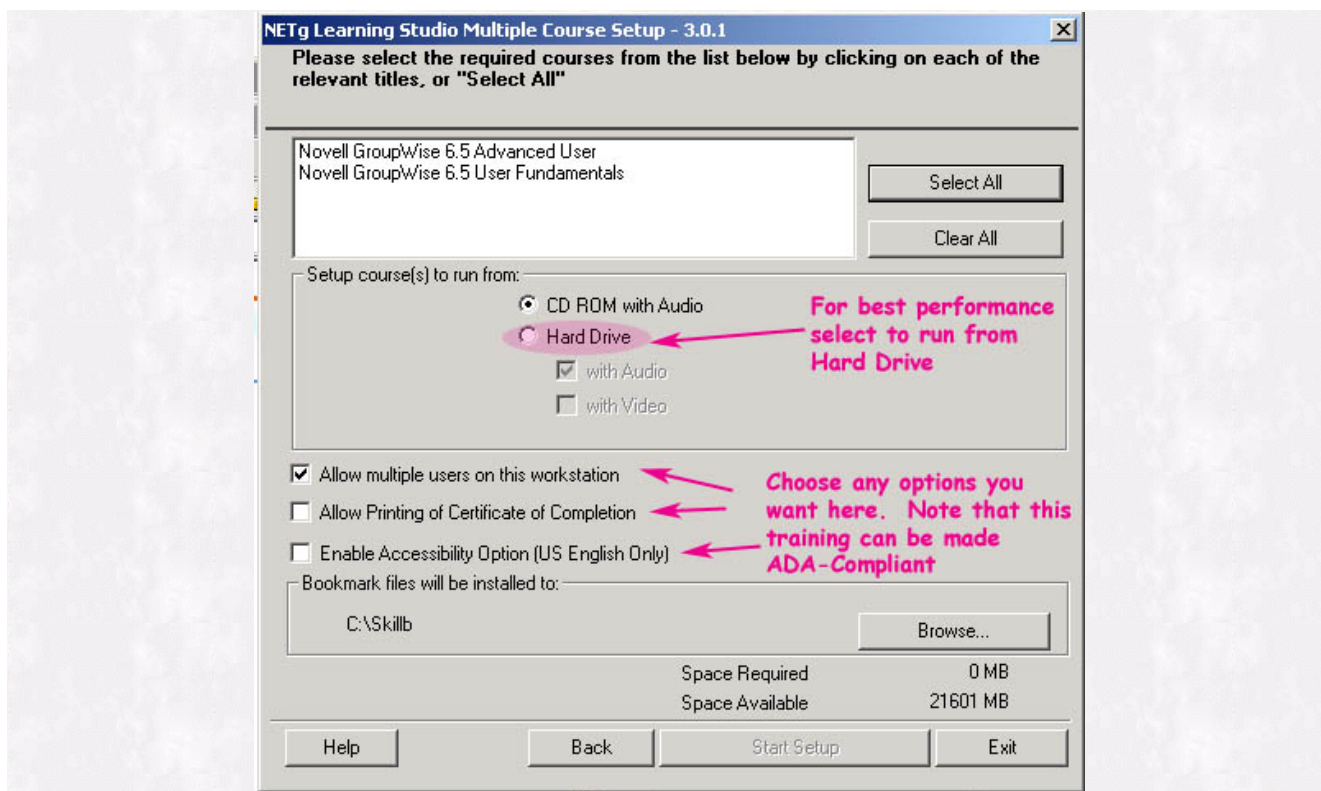
Don't have time to attend formal classes in GroupWise 6.5 but still desperately need to know how to keep that Viagra spam from getting to your 'in box'? CD-ROM-based training from Thomson NETg is the answer. Usable on any Windows machine (yep - as usual we poor Mac users are left out in the cold. But...GroupWise is GroupWise: borrow a friend's Windows box and do the training anyway as the Mac/Win versions of the app are virtually identical), the training can be run from the CD-ROM itself or installed on the machine's hard drive (recommended method).

Pick up your GroupWise 6.5 training CD-ROM from the CITC Helpdesk folks or from the UNT CBT Administrator, Elizabeth Hinkle-Turner. Below are the instructions on how to install and run the product.

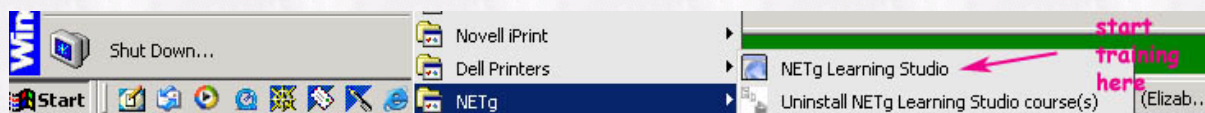
Insert the CD-ROM into the drive - the usual Windows InstallWizard should automatically start up, but if it doesn't then simply 'explore' the CD-ROM and select 'setup.exe':



Your installation should proceed with the usual license agreement etc. and finally you will get to an installation options screen. Choose the options you wish:

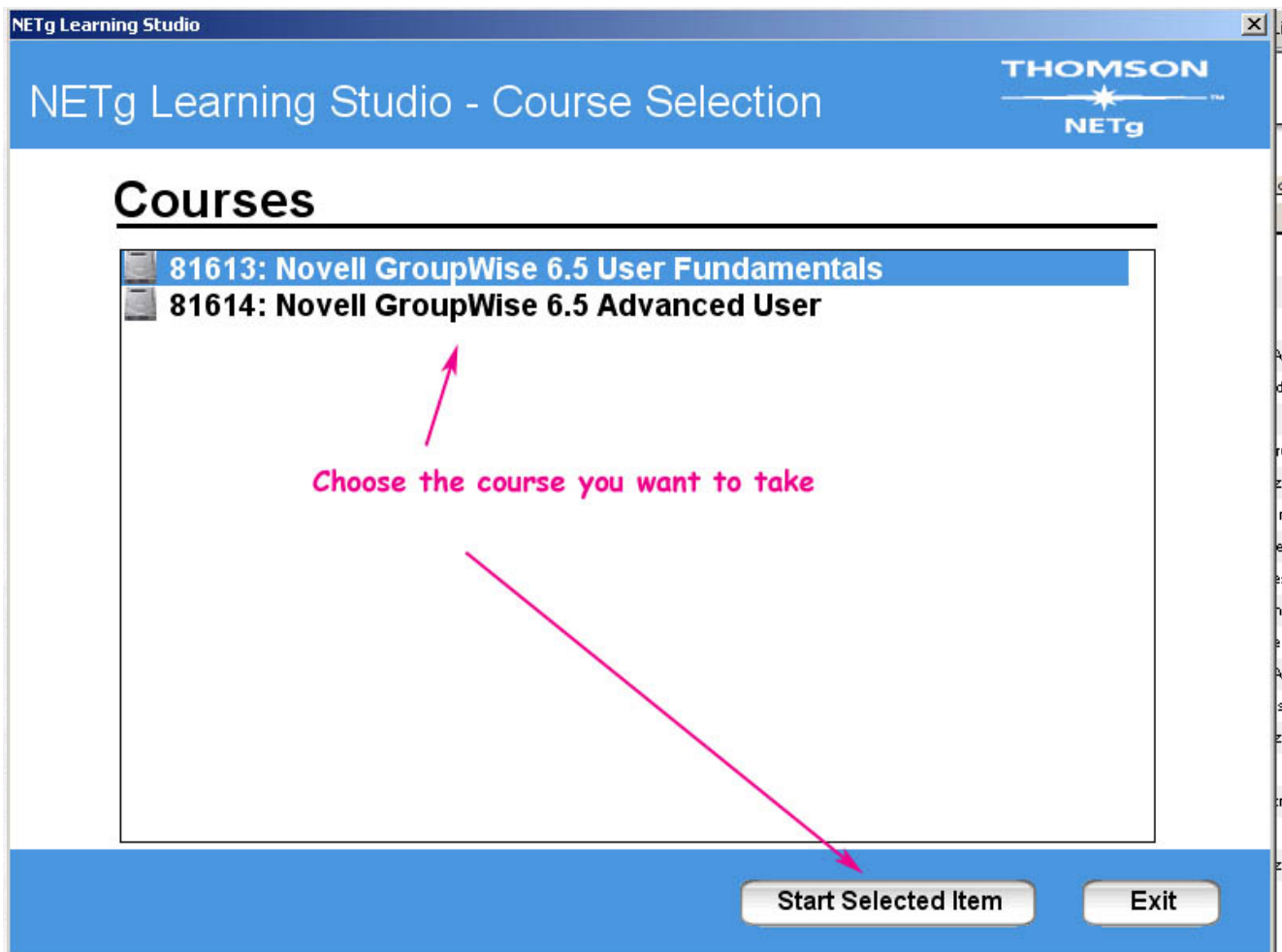


After the installation is complete (no reboot necessary!), you can find your training in your Start Menu:

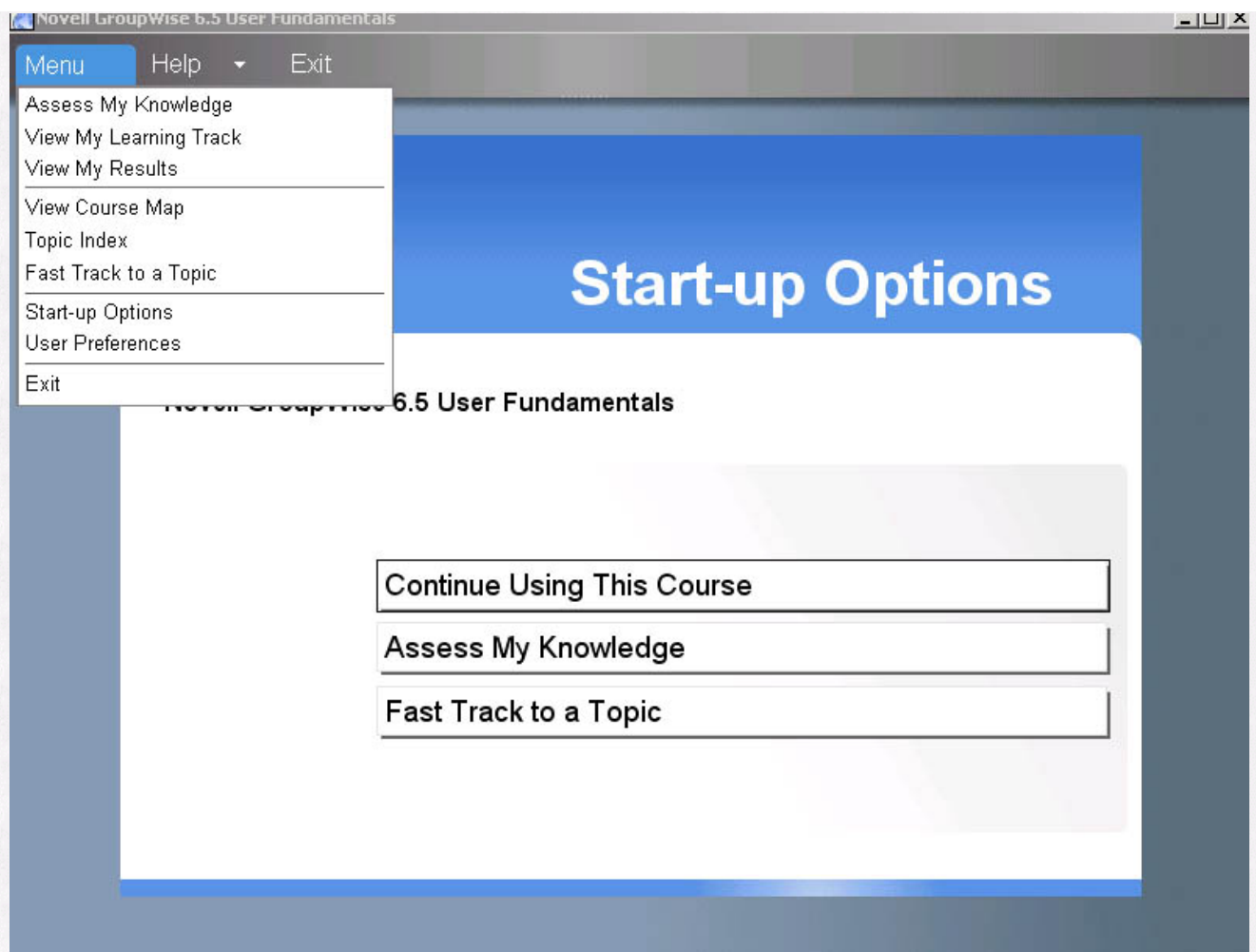


After you start the training, the following screen appears; select the course you want:





The opening screen of the training with its push-buttons and menu options is fairly self-explanatory and easy-to-use:



If you have any further questions about this training, please contact Elizabeth Hinkle-Turner at ehinkle@unt.edu.

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GroupWise Junk Mail Tutorial: Bulk Tag Explanation

By [Jason Gutierrez](#), Network Computing Services, GroupWise Messaging Specialist

Question: Why is mail tagged BULK: at the beginning of the subject line?

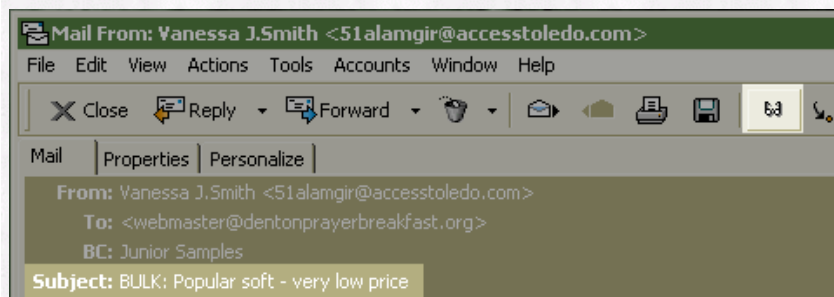
Answer: Keywords and phrases within the mail message triggered the spam gateway to mark it as potential junk mail.

Explanation:

When a piece of mail comes into the UNT mail system, it is evaluated for viruses and for content. The content of a message is read by a server process that evaluates the text for characteristics which include keywords and phrases.

A dictionary or index tells the spam gateway which words and phrases are indicative of spam. If a characteristic of the email message triggers a response a score will be added to that message's overall score. If the overall score exceeds 6.0, then the message is tagged with "Bulk:" prepended to the subject line. This gives the GroupWise user a hook by which to catch unsolicited email and move it to either another directory or the trash.

In addition to a message's characteristics, email are also compared to lists of know spammers. These lists are called RBL's or real time blacklists. These lists are managed by spam tracking agencies to which we subscribe for the purpose of evaluating message content.



You will notice in the above example that this message was tagged as spam. If you would like to find out what the score of the spam message is, or why this message was marked as spam, you may follow these directions.

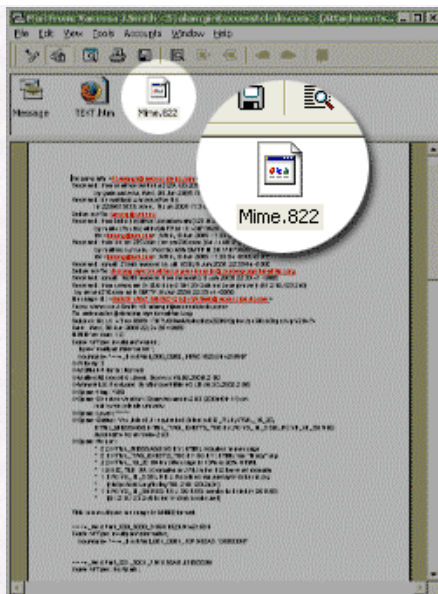
- 1) Open the bulk tagged message.
- 2) Click the "View" button in the toolbar represented by an icon of a pair of glasses.
- 3) Click the file marked "Mime.822" in the window that appears.

The mime.822 document contains specific delivery information pertaining to this message. What you are looking for are the lines that begin *X-Spam*.

The line *X-Spam-Flag*: will read either yes or no indicating whether or not this message is spam.

The line *X-Spam-Status*: records the overall spam score as *hits* and the threshold score as *required*.

The *X-Spam-Report*: reports the characteristics of the message that triggered a response the corresponding score.



X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express V6.00.2900.2180
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2180
X-Spam-Flag: YES
X-Spam-Level: *****
X-Spam-Status: Yes, hits=6.1 required=6.0 tests=BIZ_TLD,HTML_10_20,HTML_MESSAGE,HTML_TAG_EXISTS_TBODY,RCVD_IN_DSBL,RCVD_IN_SORBS

autolearn=no version=2.63

X-Spam-Report:

- * 0.0 HTML_MESSAGE BODY: HTML included in message
- * 0.1 HTML_TAG_EXISTS_TBODY BODY: HTML has "tbody" tag
- * 2.0 HTML_10_20 BODY: Message is 10% to 20% HTML
- * 1.8 BIZ_TLD URI: Contains a URL in the BIZ top-level domain
- * 1.1 RCVD_IN_DSBL RBL: Received via a relay in list.dsbl.org
- * [<http://dsbl.org/listing?81.218.123.240>]
- * 1.1 RCVD_IN_SORBS RBL: SORBS: sender is listed in SORBS
- * [81.218.123.240 listed in dnsbl.sorbs.net]

Learn to create a BULK: mail rule.

If you would like to learn how to create a GroupWise rule which will automatically move mail tagged as BULK into a folder, you will find this tutorial online at: <http://ncs.unt.edu/gw/howto/junkmail/BULKmail/index.htm>.

More GroupWise 6.5 Tutorials

A list of more GroupWise 6.5 "Tutorial Topics" can be found here: <http://ncs.unt.edu/gw/howto/index.htm>

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RFID Interest Group Forming

An Interest Group is forming to explore opportunities for collaborative research about emerging RFID technologies (Radio Frequency Identification). This Interest Group represents multiple disciplines at UNT: engineering, computer science, information science, logistics, marketing, management, merchandising, education, and information technology. The technology is touted as having the potential to change the way we live and conduct business. The DFW area has recently emerged as an important center for the technology thanks to Wal-Mart and other retailers' selection of the area to test their RFID initiatives. RFID presents UNT with a golden opportunity to gain recognition for collaborative investigation and research.

This RFID Interest Group@UNT is a forum for all UNT community members to exchange ideas and collaborate. Anyone who is interested in the technology is invited to the next meeting:

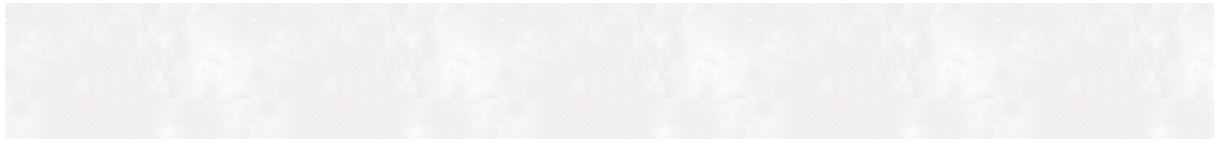
Brown-Bag lunch at 12pm Wednesday, July 6th in ISB Room 218.

Please send mail to [Corrie Marsh](#), group coordinator, to be added to the RFID email list

Group Organizers:

- Dr. Chang E. Koh, Department of Information Technology & Decision Sciences (kohce@unt.edu)
- Dr. Stephen M. Swartz, Department of Marketing & Logistics (SwartzS@unt.edu)
- Corrie Marsh, Associate Director, Texas Center for Digital Knowledge (cmarsh@unt.edu)

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Summer Hours

By [Claudia Lynch](#), Benchmarks Online Editor

Following are the hours for Computing Center-managed facilities over the summer. The University is [officially closed](#) Independence Day -- July 4, 2005. Additionally:

- The [Helpdesk](#), is planning on being **open their normal hours** during Spring Break.
- The **ACS General Access/Adaptive Lab** ([ISB 110](#)) schedule:

Monday, May 16 - Friday, August 12:

Sundays: 2:00 p.m. - 10:00 p.m.

Monday - Thursdays: 9:00 a.m. - 10:00 p.m.

Fridays: 9:00 a.m. - 8:00 p.m.

Saturdays: 10:00 a.m. - 8:00 p.m.

Closed Monday July 4.

Hours for Other Campus Facilities

General Access Labs

- [WILLIS](#):

May 15-June 2:

Monday-Thursday 7:30 a.m.- 9:50 p.m.

Friday 7:30 a.m. - 8:50 p.m.

Saturday 9:00 a.m. - 8:50 p.m.

Sunday 1:00 p.m. - 9:50 p.m.

June 3-5:

Friday, June 3 8:00 a.m. - 2:00 p.m.

Saturday, June 4 9:00 a.m. - 5:50 p.m.

Sunday, June 5 1:00 p.m. - **Resume 24hr schedule** until August 11, when hours will be reduced to a level not yet determined.

- [SLIS](#):

Special Closings:

Friday, May 27

Monday, July 4

Starting Monday, May 16:

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Benchmarks
Online](#)

Monday - Thursday, 10:00a.m. - 2:00 a.m.
Friday and Saturday, 8:00 a.m. - 10:00 p.m.
Sunday, Noon - Midnight.

- [MUSIC:](#)

Special Closings:

July 4

May 15-June 2:

Monday - Friday: 9:00 a.m. - 5:00 p.m.

Saturday - Sunday: **Closed**

June 6 - August 12:

Monday - Thursday: 8:00 a.m. - 9:00 p.m.

Friday: 8:00 am - 5:00 p.m.

Saturday: 10:00 am - 5:00 p.m.

Sunday: 1:00 p.m. - 8:00 p.m.

- [SCS & SMHM:](#)

Special Closings:

Monday, May 30

Monday, July 4

August 13 - 28

May 16 - August 12:

Monday - Thursday 8:00 a.m. - 10:00 p.m.

Friday - Saturday 8:00 a.m. - 5:00 p.m.

Sunday, Noon - Midnight.

- [SOVA:](#)

Special Closings:

June 2-5

July 4

August 13-28

May 16 - August 12:

Sunday - 1 p.m. - 10 p.m.

Monday - 10 a.m. - 10 p.m.

Tuesday - 10 a.m. - 10 p.m.

Wednesday - 10 a.m. - 10 p.m.

Thursday - 10 a.m. - 10 p.m.

Friday - 10 a.m. - 5 p.m.

Saturday - 10 a.m. - 5 p.m.

- [COE:](#)

May 16 - August 12:

Normal hours.

- [COBA:](#)

Special Closings:

July 4
August 13-26
August 28

May 16 - August 11:

Monday - Thursday: 8:00 a.m. - 11:50 p.m.
Friday & Saturday: 8:00 a.m. - 7:50 p.m.
Sunday: Noon - 11:50 p.m.

August 12, 2005 :

8 a.m. - 4 p.m.

- **CAS:**

GAB 330:

Special Closings:

June 2-5

July 4
August 13-28

May 16 - June 1:

Monday - Thursday: 8 a.m. - 10 p.m.
Friday: 8 a.m. - 5 p.m.
Saturday: Noon - 8 p.m.
Sunday: Noon - 10 p.m.

June 6 - August 12:

Monday - Thursday: 8 a.m. - Midnight
Friday: 8 a.m. - 5 p.m.
Saturday: Noon - 8 p.m.
Sunday: Noon - Midnight

GAB 550:

Special Closings:

May 16 - June 1
July 4
August 13 - 28

June 6 - August 12:

Monday - Thursday: 8 a.m. - 5 p.m.
Friday: 8 a.m. - 5 p.m.
Saturday: **Closed**
Sunday: **Closed**

Terrill 220:

Special Closings:

May 16 - June 1
July 4
August 13 - 28

June 6 - August 12:

Monday - Thursday: 8 a.m. - 8 p.m.

Friday: 8 a.m. - 5 p.m.

Saturday: **Closed**

Sunday: **Closed**

Wooten 120:

May 16 - June 1:

Monday - Thursday: 8 a.m. - 6 p.m.

Friday: 8 a.m. - 5 p.m.

Saturday: **Closed**

Sunday: **Closed**

Special Closings

June 2 - 5

July 4

July 9

August 13 - 28

June 6 - August 12:

Monday - Thursday: 8 a.m. - 10 p.m.

Friday: 8 a.m. - 5 p.m.

Saturday: **Closed**

Sunday: **Closed**

- **UNT Dallas Campus- 155A**

Special Closings:

July 4

July 9

August 13

August 20

May 16 - August 12:

Monday-Thursday: 8 a.m. - 10:00 p.m.

Friday: 8 a.m. - 6 p.m.

Saturday: 9 a.m. - 5 p.m.

Closed on Sundays

August 15 - 26 - open 9:00 a.m. - 6:00 p.m.

- **Engineering General Access Lab (englab@unt.edu, Research Park, B129, 891-6733)**

Special Closings:

July 4

Monday through Thursday from 9 a.m. - 5 p.m. (subject to change).

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Today's Cartoon

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"I CAN'T FIND A GOOD PHOTO FOR MY WEB PAGE.
EVERY PICTURE OF ME LOOKS TOO MUCH LIKE ME!"

From "Today's Cartoon by Randy Glasbergen", posted with special permission.
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Network Connection

By [Dr. Philip Baczewski](#), Director of Academic Computing and User Services

All the News that's Print to Fit

A new trend is gradually coming to light in the Web arena. For some time, there have been various "digest sites" on the Web such as [Slashdot](#), [News Forge](#), and other similar sites. These sites provide references to news and information gathered by editors or members from various Internet sources, sometimes with and sometimes without commentary. The results of these efforts read like specialized online newspapers, with headlines that catch your eye and draw you into the rest of the story.

Now such compilations are provided by a number of news and information Internet sites in the form of RSS feeds. [RSS](#) stands for "Really Simple Syndication" and is a method for providing headlines and synopses of Web-based information. All you need to access a site's RSS feed is an RSS reader. Like the specialized [Usenet News](#) readers of old, [RSS readers](#) are specialized programs which can understand and display information found on RSS feed sites.

Recently, Apple Computer helped raise the profile of RSS by including an RSS subscription feature in the new version of its [Safari](#) Web browser. Safari will display an icon in the URL field if a site is offering an RSS feed. By adding the feed site to your bookmarks you can recall it for later browsing or include it in a compilation of articles from numerous sites to which you've subscribed. Mozilla's [Firefox](#) has a similar feature which they have named [live bookmarks](#)

Safari provides a convenient interface for viewing RSS feeds. You can search amongst all your RSS subscriptions for a particular topic and even save a preset search as a bookmark. This lets you create custom news aggregates on your favorite topic. Firefox will display subscribed RSS feed articles as individual bookmarks you can reference.

RSS feeds can be a quick and efficient way to browse for news and information. Apple even has RSS feeds for its iTunes service if you want to know what's newly available for your iPod. As RSS becomes an integral part of Web sites and Web browsers, it may become our primary entrée to Internet information. I've already found one big advantage -- there are no advertisements, at least not when you're viewing the RSS items.

Look for RSS feeds on your favorite Web sites. Since RSS is an XML implementation, sometimes RSS 2.0 feeds will be marked with an orange XML icon. More commonly, you'll see a link that says something like "RSS Headlines." If your browser supports RSS, it's worth a try.

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Link of the Month

Each month we highlight an Internet, USENET Special Interest Group (SIG), or similar mailing list(s) or website(s). This month's information was supplied by [Monika Antonelli](#), University of North Texas Libraries.



UNIVERSITY of NORTH TEXAS

ONLINE REFERENCE HELP DESK

Remote Library Research Assistance

Did you know the UNT Libraries offers remote research assistance to UNT students, faculty and staff? Online help is available through both the Online Reference Help Desk and through the Libraries' E-mail Reference services. Both of these services are especially useful to distribute and distance education students.

The *Online Reference Help Desk* is a virtual help desk available on the Internet. Hours of operation have been expanded to cover Monday through Thursday, from 10:00 am to 8:00 pm, and Friday from 10:00 am to 5:00 pm. To visit the Online Reference Help Desk point your browser to <http://www.library.unt.edu/chatroom> and follow the instructions.

The UNT Libraries also offers an *E-mail Reference service*. E-mail Reference can be use to ask short factual questions. A reply will be sent within 24 to 48 hours, excluding weekends or holidays. To access the E-mail Reference service, go to <http://www.library.unt.edu/forms/ref/emailref.htm>.

To also better serve the UNT Community, the Libraries have added a **toll-free phone number**. You can reach us during regular Willis Library Reference Desk hours at (877) 872-0264.

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IRC News



Minutes provided by Sue Ellen Richey,
Recording Secretary*

May 17, 2005

VOTING MEMBERS PRESENT: PHILIP TURNER, ELIZABETH HINKLE-TURNER, JONEEL HARRIS, PAUL HONS (for JUDITH ADKISON), GUILLERMO OYARCE, WIL CLARK (for JOHN PRICE), PATRICK PLUSCHT, ROBERT NIMOCKS, CHRISTY CRUTSINGER, BRUCE HUNTER, MARGARET AMBUEHL, LOU ANN BRADLEY, RAY BANKS **NON-VOTING MEMBERS PRESENT:** MAURICE LEATHERBURY, COY HOGGARD, PHILIP BACZEWSKI, JOE ADAMO, SUE ELLEN RICHEY (Recording Secretary) **MEMBERS ABSENT:** SANDRA TERRELL, CENGIZ CAPAN, RAMU MUTHIAH, JIM CURRY, MAX KAZEMZADEH, DON GROSE, CHUCK FULLER, JON NELSON, KENN MOFFITT, KATHY SWIGGER, ABRAHAM JOHN, DOUG MAINS, BOBBY CARTER **GUESTS:** CHARLOTTE RUSSELL

The minutes of the March 8, 2005, and the April 19, 2005, meetings were approved as distributed.

The Chair introduced Ray Banks, who is the new representative from the Student Government Association.

Distributed Computing Support Management Team**

Philip Baczewski reported for the Distributed Computing Support Management Team that the committee met on May 6 and discussed protection of sensitive data stored on desktop pc hard disks and on laptops. Charlotte Russell proposed that a policy be developed regarding safe storage of data. At that same meeting, representatives from Hewlett Packard provided an overview of their documentation management hardware & software. Maurice Leatherbury added that in view of recent incidents of theft of or loss of laptop computers that had sensitive data on them (such as social security numbers, and personnel records), it is essential that great care be taken regarding the protection of data on laptop computers, as well as desktop pc's. It is important that users be discouraged from storing this kind of sensitive information on laptop computers. Elizabeth Hinkle-Turner added that there are good courses available in the SkillSoft and KnowledgeNet courseware offerings that deal specifically with security and encryption. These resources are consistently mentioned in Benchmarks Online articles. <https://cbt.acs.unt.edu/logon.htm> is the URL where one can access these resources, with the use of an EUID and password. Dr. Turner suggested a link to these resources from e-Campus.

Learning Enhancement Planning Group

Patrick Pluscht reported for the Learning Enhancement Planning Group that they did not meet in April but plan to meet on May 26th. He has invited a company named Turning Point

to join the group for a demonstration of their student response systems. They are still forming the review committee for the online teaching award nominations.

EIS Planning Group

Joneel Harris reported for the EIS Planning Group that at the first of two EIS Users' Group meetings the members discussed what was learned at the recent Higher Education Users' Group conference, and the timing for Oracle's 8.9 release of PeopleSoft and eventual transition to Version 9.0. The 8.9 release will be a first step toward separation of the Human Resources database from the Student/Contributor Relations database. At the second meeting they discussed data warehousing infrastructure and its various stages. Joneel distributed a document that outlines these stages. At that meeting, HSC presented a demonstration of their datamarts which they have begun to develop. Human Resources is now distributing their reports by the Cypress reporting product. The campus will begin to see more and more reports being generated by EIS. Joneel mentioned that this Summer the registration will be for one single session, rather than two, but courses will end at various times during that larger session. They anticipate some issues will arise as a result of this. Joneel also mentioned that Cengiz Capan and the College of Business have been participating in a pilot project to test a software product that would pull data from the data warehouse and allow manipulation of it.

Disaster Recovery

Coy Hoggard added that Disaster Recovery is being worked on; at the present time CITC is duplicating servers as they can. Maurice Leatherbury estimated that in the event of a disaster in the GAB, it would take a minimum of several hours to get back into production, and he added that CITC plans to purchase a duplicate storage system and perhaps duplicate tape backup system for the Research Park when the budget will allow.

Student Computing Planning Group

Elizabeth Hinkle-Turner reported for the Student Computing Planning Group that all of the General Access Labs are ready for Freshman Registration. All the labs now have P-counter and the universal settings that will immediately go into effect on lab printers are: (1) no more than 20 sheets printed at a time; (2) no multiple copies of documents and (3) no duplicates. Another issue being discussed is the possibility of re-directing large print jobs to a central printer rather than tying up the lab printer while students needing to print only one or two pages are waiting. It appears that the P-counter tool will be very useful to the labs.

Distributed Learning Team

Dr. Turner reported that the Vista migration has started again; the new load balancer will go in this month and in August service pack 4 will be installed. Tom McElwee, CITC's Director of Enterprise Systems Technical Services, set up a conference call with WebCT to discuss how they do testing. There has been discussion about setting up a test center at UNT to test new releases and service packs before actually implementing them, in an effort to minimize problems. A pilot project is going to be set up this summer that will allow students or faculty to upload photos into a database and install a program whereby anyone can click on an icon and pull up a student's photo. This has been requested by a number of faculty.

There was some discussion about the schedule of final exams, and there having been some

conflicts between exams scheduled for on-campus classes and on-line classes. Joneel Harris noted that there are some real issues concerning the scheduling of classroom use that they will have to find solutions for. She said that Lynn McCreary plans to discuss the scheduling problems with the Associate Deans. Dr. Turner said he would get in touch with Lynn to be sure that the DLT is involved in the solution of the scheduling problem.

Wide Area Network

Joe Adamo, CITC Director of Communications, reported that they have installed additional capacity within the wide area network which will provide redundancy. They have installed a network connection between the Research Park and the Health Science Center in Ft. Worth. This establishes a “ring” topology so that if a link is lost it will allow the re-routing of network traffic around the link and through to this connection. The next step is to upgrade the link from main campus to Dallas, and to that end a fiber splice is being conducted this afternoon. Within 60-90 days that additional capacity should be ready for utilization. In response to a question from Joneel Harris, Joe explained that the wiring between main campus and Research Park is all above ground, which is still susceptible to damage by severe storms. Joe explained that they are working with Verizon to try and get some underground fiber strung between main campus and the Research Park. Joe added that CITC is continually working to improve the capacity and reliability of the wide area network.

In response to a question from Patrick Pluscht, Joe Adamo explained that the connection between main campus and Research Park is running at least on 1GB of capacity. From Research Park to HSC there is 1Gb; from HSC to Dallas campus there is an OC3 which provides 155Mb capacity; between Richardson and main campus there are 2 DS3s which provide 45Mb each. Joe expressed the hope that by Fall there will be 1Gb total connectivity in the ring.

The meeting adjourned at 3:00 pm.

* For a list of IRC Regular and Ex-officio Members click [here](#).

**DCSMT Minutes can be found [here](#).

IRC Meeting Schedule

The [IRC](#) generally meets on the third Tuesday of each month, from 2-4 p.m., in the Administration Building Board Room. From time to time there are planned exceptions to this schedule. All meetings of the IRC, its program groups, and other committees, are open to all faculty, staff, and students.

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Research and Statistical Support University of North Texas

RSS Matters

Link to the last RSS article here: [Getting up to speed on our new software](#) - Ed.

A Video Introduction to Creating Web Surveys with [QSurvey](#) - An Open Source Zope Application

By [Dr. Rich Herrington](#), Research and Statistical Support Services Manager

This month we present a series of Windows AVI media files that illustrate the steps involved in creating an online web survey on [UNT's Zope Survey Server](#). Each AVI file is approximately 5-10 minutes long. You can contact me (Rich) to get a [Zope](#) account. Once you have your Zope account, you can follow the AVI presentation through the process of logging into a Zope account - to the creation of an online web survey. These videos are best viewed with the Windows Media Player; however, if you have a MAC PC, you might explore the following [website](#) to download a MAC based media player that could work better with a Windows PC based AVI file (in contrast to QuickTime, for example). I would appreciate any reports of discrepancies or inaccuracies that you find in these videos. I hope you find these videos useful in some way - good luck with them! - Rich.

[06/24/05 - Please note that the LDAP server to use with Zope is now [auth.unt.edu](#)]

- 1) [Logging Into the Zope Server](#)
- 2) [Creating a Folder](#)
- 3) [Creating a QSurvey Object](#)
- 4) [Creating Survey Pages Within a QSurvey Object](#)
- 5) [Creating Content Within a Page](#)
- 6) [Creating a Multiple Choice Question](#)
- 7) [Adding Items Within Pages](#)
- 8) [Linking Survey Pages Together](#)
- 9) [Examining the Results Folder and the CSS StyleSheet](#)

- 10) [Importing Collected Survey Data into Excel](#)
- 11) [Adding WebDAV Folders](#)
- 12) [Downloading the R Statistical Package \(useful for analyzing survey data\)](#)
- 13) [Downloading the Student Version of the S-Plus Statistical Package](#)
- 14) [Running R and Installing Statistical Packages](#)

Next Time

In upcoming articles, we will discuss [programming methods](#) and statistical techniques for handling survey data. Topics will include: [importing](#) survey data into the [R system](#), [merging](#) multiple select and single select items into one data object; sub-setting and [describing survey data](#) both [graphically](#) and numerically; analyzing survey items using [factor analytic](#) methods and [generalized linear models](#) for predicting outcomes of interest. R excels as a programming environment and data analysis system for the graphical exploration and [statistical modeling](#) of survey data - introductory texts exist for getting novice users familiarized with the system (e.g. [Verzani](#); [Crawford](#)). Additionally, there are [online courses](#) for learning the basics of R. In coming articles, we will look at how we can use R to enhance our understanding of data collected thru web surveys.

Resources

[Quick Start for Zope](#)

[Contributed R Documentation - CRAN website](#)

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Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file Part III

By [Shannon Eric Peevey](#), UNT Central Web Support

Introduction

In last month's [article](#), we talked about configuring Apache 2.1 with mod_authn_file and mod_authz_groupfile to authenticate/authorize clients to access the /publish directory. In this month's article, we are going to configure Apache 2.1 to work with a Lightweight Directory Access Protocol, or LDAP, database.

mod_authnz_ldap

We have already built our instance of Apache with LDAP support, (see "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file Part I"), and discussed configuring authentication/authorization using mod_authn_file/mod_authz_groupfile, (see "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file Part II"), so this month, we can focus our attention on configuring the server to use LDAP for authentication/authorization.

First, make a second copy of the <Location> container that we setup to work with mod_authn_file last month, and comment out the first copy of the <Location> container. (Using pound signs (#), of course). The second copy should look like this.

```

Alias /publish /usr/local/apache21/htdocs

<Location /publish>

AuthType Basic

AuthName "Stinky monkey!!"

AuthBasicProvider file

#### begin of mod_authn_file ####

AuthUserFile /usr/local/apache21/access/service.pwd

AuthGroupFile /usr/local/apache21/access/htgroup.wwwroot

```


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```
### end of mod_auth_file ####
```

```
require group admin
```

```
Dav On
```

```
Options None
```

```
ForceType text/plain
```

```
</Location>
```

Now, remove the beginning/end comments, and the AuthUserFile/AuthGroupFile statements. After doing this, your new <Location> container should look like this:

```
Alias /publish /usr/local/apache21/htdocs
```

```
<Location /publish>
```

```
AuthType Basic
```

```
AuthName "Stinky monkey!!"
```

```
AuthBasicProvider file
```

```
require group admin
```

```
Dav On
```

```
Options None
```

```
ForceType text/plain
```

```
</Location>
```

Next, we:

1. Change the value of AuthBasicProvider from "file" to "ldap"
2. Add an AuthLDAPURL directive with the protocol, Fully-Qualified Domain Name of your LDAP server, port, baseDN, and search criteria, in the following format:

```
AuthLDAPURL protocol://FQDN:port/baseDN?search_criteria
```

In our example, the AuthLDAPURL looks like this:

```
AuthLDAPURL ldap://ldap.example.com:389/ou=people,o=example?uid
```

```

protocol = ldap

FQDN = ldap.example.com

port = 389

baseDN = ou=people,o=example

search_criteria = uid

```

This example AuthLDAPURL will begin searching the container ou=people,o=example in the LDAP database found on ldap.example.com for an uid equal to the value input by the end-user.

3. Add an AuthLDAPBindDN directive, (if necessary). (Will bind as anonymous if not given).
4. Add an AuthLDAPBindPassword directive, (if necessary).
5. Change the require directive to include the new authorization attribute, which is specific to mod_authnz_ldap, and the container that defines the users with rights to access an object.

The new authorization attribute that we use in this example is "ldap-group", but could be any of the values that are listed at:

http://httpd.apache.org/docs-2.1/mod/mod_authnz_ldap.html#requiredirectives

In our example, we have set the ldap-group container to: cn=admin,ou=groups,o=example

Change yours accordingly.

A final note on the require directives, (which I touched on in my Apache 2.0 article). When I submitted a patch to fix what I had considered a bug, (require group directives did not accept groups split by whitespace, but required that multiple require directives be used), the developers informed me that it was not a bug in mod_auth_ldap, but actually was part of the plan for the future of require directives. Therefore, it is important to note that we will need to split multiple LDAP groups, across multiple require directives, and quite possibly the other require values as well. (ldap-user, ldap-attribute, etc., and is probably not localized to the LDAP module).

Now that we have added the appropriate lines to our new <Location> directive, we should have something that looks like this:

```

Alias /publish /usr/local/apache21/htdocs

<Location /publish>

AuthType Basic

AuthName "Stinky monkey!!"

AuthBasicProvider ldap

```

```

#### Beginning mod_auth_ldap #####

AuthLDAPURL ldap://ldap.example.com:389/ou=people,o=example?uid

AuthLDAPBindDN "mybinddn"

AuthLDAPBindPassword "mybindpasswd"

#### End mod_auth_ldap #####

```

```
require ldap-group cn=admin,ou=groups,o=example
```

```
Dav On
```

```
Options None
```

```
ForceType text/plain
```

```
</Location>
```

Restart Apache, and hit your site with your favourite browser: # lynx localhost/publish

It should prompt you for authentication, and accept your LDAP credentials to access the site. If you have problems accessing the site, set your LogLevel to debug in the httpd.conf, restart, and try logging in again. With the LogLevel set to debug, you will see helpful information like this:

```
ldap.c(364): [client 127.0.0.1] [7405] auth_ldap authenticate: using URL
ldap://ldap.example.com:389/ou=people,o=example?uid
```

```
[Wed Apr 13 06:20:07 2005] [debug] mod_authnz_ldap.c(436): [client 127.0.0.1] [7405]
auth_ldap authenticate: accepting speeves
```

```
[Wed Apr 13 06:20:07 2005] [debug] mod_authnz_ldap.c(673): [client 127.0.0.1] [7405]
auth_ldap authorise: require group: testing for group membership in
"cn=admin,ou=groups,o=example"
```

```
[Wed Apr 13 06:20:07 2005] [debug] mod_authnz_ldap.c(678): [client 127.0.0.1] [7405]
auth_ldap authorise: require group: testing for member: uid=speeves,ou=people,o=example
(cn=admin,ou=groups,o=example)
```

```
[Wed Apr 13 06:20:07 2005] [debug] mod_authnz_ldap.c(686): [client 127.0.0.1] [7405]
auth_ldap authorise: require group: authorisation successful (attribute
```

```
member) [Comparison true (adding to cache)][Compare True]
```

```
[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(364): [client 127.0.0.1] [7406]
auth_ldap authenticate: using URL ldap://ldap.example.com:389/ou=people,o=example?uid
```

```
[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(436): [client 127.0.0.1] [7406]
auth_ldap authenticate: accepting speeves
```

```
[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(673): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: testing for group membership in
"cn=admin,ou=groups,o=example"

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(678): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: testing for member: uid=speeves,ou=people,o=example
(cn=admin,ou=groups,o=example)

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(686): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: authorisation successful (attribute
member) [Comparison true (cached)][Compare True]

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(364): [client 127.0.0.1] [7406]
auth_ldap authenticate: using URL ldap://ldap.example.com:389/ou=people,o=example?uid

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(436): [client 127.0.0.1] [7406]
auth_ldap authenticate: accepting speeves

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(673): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: testing for group membership in
"cn=admin,ou=groups,o=example"

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(678): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: testing for member: uid=speeves,ou=people,o=example
(cn=admin,ou=groups,o=example)

[Wed Apr 13 06:20:09 2005] [debug] mod_authnz_ldap.c(686): [client 127.0.0.1] [7406]
auth_ldap authorise: require group: authorisation successful (attribute member) [Comparison
true (cached)][Compare True]
```

Conclusion

I hope that you enjoyed this month's article as much as I have. We have covered a lot of ground over the last few months, downloading and building Apache 2.1, configuring it to use either "file"-based authentication/authorization, or LDAP, and, finally, our next step is to combine both "file" and LDAP authentication, which will allow Apache to authenticate/authorize users from either your htpasswd/htgroup setup, or your LDAP database. See you then!!

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Short Courses

By [Claudia Lynch](#), *Benchmarks Online Editor*

The schedule for the summer Short Course schedule is complete and courses are already underway. Surf over to the [Short Courses](#) page to see the schedule. Courses remaining are: Introduction to SPSS Programming, Intermediate SPSS, New Technologies for Survey Research, Introduction to SAS Programming, Intermediate SAS, Introduction to Stata, Intermediate Stata, and Getting Started with DreamWeaver MX.

Customized Short Courses

Faculty members can request customized short courses from ACS, geared to their class needs. Other groups can request special courses also. Contact ACS for more information (ISB 119, 565-4068, lynch@unt.edu).

Especially for Faculty and Staff Members

In addition to the [ACS Short Courses](#), which are available to students, faculty and staff, staff and faculty members can take courses offered through the [Human Resources](#) Department, the [Center for Distributed Learning](#), and the UNT Libraries' [Multimedia Development Lab](#). Additionally, the Center for Continuing Education and Conference Management offers a variety of [courses](#) to both UNT and the general community, usually for a small fee.

EIS Training

Electronic Procurement (ePro) Training

As many of you are aware, the electronic procurement (ePro) module of EIS has been implemented. We have discontinued the use of paper requisition forms as of September 1, 2004.

ePro requires training for both the ePro Coordinator (individual performing entry/creation/tracking of the purchasing requisition) and the DeptID and/or the Project Holder (Approver). Computer security will not be established until individuals have completed the required training.

At this time, classes will be conducted at the Research Park, EIS Training Room. Directions given at time of registration. Please note: We reserve the right to cancel or change the training location for class attendance under 3.

Next class is scheduled for Tuesday 06/21/05, note the times below:

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Approvers:
2:00 PM to 3:00 PM,
3:00 PM to 4:00 PM,
4:00 PM to 5:00 PM

Coordinators
8:00 AM to 12:00 Noon

Please e-mail Tina Koenig, tinak@unt.edu, indicating the time you plan to attend and for which class.

If you have not submitted an ePro DeptID Holder Information Form or an ePro Coordinators Information Form, please fill the form out on-line and attach it to your email requesting registration. This is necessary in order to establish security for your use of the system.

GroupWise Training

Information about GroupWise training can be found at the GroupWise Support [site](#). A list of GroupWise 6.5 "Tutorial Topics" can be found here: <http://ncs.unt.edu/gw/howto/index.htm> A GroupWise 6.5 Training CD-ROM is also available. See "[Installing and Using GroupWise 6.5 CD-ROM Training from Thomson NETg](#)" in this issue of *Benchmarks Online* for more information.

GroupWise 6.5 Seminars

If you would like to have a Basic GroupWise seminar for your area, please contact Jason Gutierrez, Network Computing Services, jasong@unt.edu.

Center for Distributed Learning

The Center for Distributed Learning offers courses especially for Faculty Members. A list of topics and further information can be found at http://www.unt.edu/cdl/training_events/index.htm

The center also offers a "Brown Bag" series which meets for lunch the first Thursday of each month at Noon in Chilton 245. The purpose of this group is to bring faculty members together to share their experiences with distributed learning. One demonstration will be made at each meeting by a faculty member with experience in distributed learning. More information on these activities can be found at the [Center for Distributed Learning](#) Website.

Technical Training

Technical Training for campus network managers is available, from time to time, through the Network Computing Services (NCS) division of the Computing and Information Technology Center. Check the NCS [site](#) to see if and when they are offering any training.

UNT Mini-Courses

There are a variety of courses offered, for a fee, to UNT faculty, staff and

students as well as the general public. For additional information surf over to <http://www.pware.com/index.cfm?clientid=2694a>

Alternate Forms of Training

Many of the [General Access Labs](#) around campus have tutorials installed on their computers. The [Training](#) Web site has all sorts of information about alternate forms of training. Computer Based Training (CBT) is one of the alternatives offered.

For further information on CBT at UNT, see the article "[Current UNT Online Training Contents](#)" in this issue of *Benchmarks Online*.

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Staff Activities

Transitions

New Employee:

- **Kalawati Chevli**, Programmer, EIS Data Warehousing.
- **James Hendrickson**, Computer Support Specialist, EIS Training & Admin Support.
- **Kristina Schumann**, Operations, CPU Operator (part-time).

Changes:

- **Charlie Douglas**, Operations, CPU Operator (part-time) transferred to another part-time student position within CITC. He now works in EIS Data Warehousing.

No longer working in the Computing and Information Technology Center:

- **Holly Corbett**, Operations, CPU Operator (part-time).
- **Eboni Allen**, Operations, CPU Operator (part-time).
- **Jason Miller**, Microcomputer Consultant, Helpdesk (part-time).
- **Craig Morris** - Microcomputer Consultant, Helpdesk (part-time).

Awards, Recognition, Publications, etc.

Retirees Honored

Recently retired and retiring faculty and staff were honored by the University at a reception in the Diamond Eagle Suite on April 26. CITC staff honored were **Coy Hoggard**, Executive Director of Administrative Information Systems, **Sue Ellen Richey**, Administrative Services, **Richard Harris**, Senior Consultant & Wireless Device Specialist (CTO - Retired), **Steve Minnis**, Director of Enterprise Systems Technical Services - Retired, and **Don Swatloski**, Database/Central Programming Support Team Leader - Retired.

Walking for life



Dr. Elizabeth Hinkle-Turner, Student Computing Services Manager, showed her support of National Employee Health and Fitness Day by "[taking a brisk stroll around campus](#)" on May 18.

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Don't Forget Our Monthly Columns!

By [Claudia Lynch](#), *Benchmarks Online* Editor

In addition to our feature articles, *Benchmarks Online* publishes monthly columns that are focused on specific aspects of computing here at UNT (and beyond, in some cases). Check out what is waiting for you this month:

- [RSS Matters](#) - "RSS Matters" is the monthly column written by the Research and Statistical Support [Group](#) in Academic Computing Services. Their articles focus on topics of a statistical and/or research methods nature. **This month, Rich Herrington gives you a "A Video Introduction to Creating Web Surveys with QSurvey - An Open Source Zope Application."**
- [The Network Connection](#) - "The Network Connection" may well be the longest running column in computer publishing history. Certainly in University of North Texas computer [publishing history](#).

This month Dr. Baczewski talks about "All the News that's Print to Fit." Read this article and find out the latest on "Really Simple Syndication."

- [Link of the Month](#) - As it says on the top of the "Link of the Month" page, "each month we highlight an Internet, USENET Special Interest Group (SIG), or similar mailing list(s) or Website(s)." Lately we have been confining ourselves to featuring UNT specific sites. **This month's feature is "Remote Library Research Assistance."**
- [WWW@UNT.EDU](#) - "WWW@UNT.EDU" is a monthly column written by the Central Web Support [Group](#) in Academic Computing Services. The topics usually focus, in some way, on World-Wide-Web-related issues. **This month, Shannon Peevey continues a multi-part series on Apache 2.1. Part III is called "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file."**
- [Short Courses](#) - Every semester, Academic Computing Services (ACS) offers short courses on computer-related topics, many of them having to do with statistical research. This column keeps you up-to-date on what is being offered and when as well as other training opportunities. The summer Short Course schedule is complete and courses are already underway. Courses remaining are: Introduction to SPSS Programming, Intermediate SPSS, New Technologies for Survey Research, Introduction to SAS Programming, Intermediate SAS, Introduction to Stata, Intermediate Stata, and Getting Started with DreamWeaver MX.



- [IRC News](#) - As their Webpage [says](#), "the IRC is an advisory and oversight body created to foster communication and cooperation between and among UNT information resources providers and users." We publish the minutes of the IRC meetings each month, when they are available. **The May 17, 2005 minutes are published this month.**
- [Staff Activities](#) - This column focuses on new employees, people who are no longer employed at the Computing and Information Technology Center, awards and recognitions and other items of interest featured here.

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