



Information Technology Division
Computing@NC State

Providing Technology Guidance to the N.C. State Community • Fall 2004



WE WELCOME YOU TO NC STATE!

Understanding your Unity account makes campus computing easier.

All NC State students have access to Unity, a campus-wide computing environment that serves faculty, staff and students. Currently-registered students are assigned an account in Unity. Your Unity ID, the login ID associated with this account, can be used to access a number of computing services and facilities:

- ▶ IMAP email services, which includes 50 MB of file space to store your email
- ▶ Web-based email client
- ▶ personal web-page support
- ▶ 50 MB of personal networked file space that can be used to store files and publish web pages
- ▶ access to Unity labs where you can use a variety of software packages on MS Windows, UNIX, and Macintosh-based platforms
- ▶ access to your student records and many other on-line resources at the university
- ▶ technical support through the NC State University Help Desk.

Your Unity account is generated automatically when you enroll at NC State. You should receive your Unity login ID at New Student Orientation. If you do not receive your Unity ID during orientation, or if you need assistance with your account, please contact a Help Desk consultant at 515-HELP (4357), or help@ncsu.edu. Your initial password for your Unity account is set to your Social Security number.

Information Technology Division (ITD) provides computing labs around campus, which students may use for all their computing needs. These labs, which mainly use the Unity computing environment, are maintained by ITD and various colleges. They provide access to the Internet, word processors, spreadsheets, compilers and discipline-specific software on Windows, UNIX and Macintosh. Many are open for extended hours, or even overnight! Your Unity ID gives you access. For a complete listing of campus Unity labs, see the campus map (pages 4 & 5 of this publication)

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VIRUSES ARE NO LAUGHING MATTER

Inoculate your computer with Symantec AntiVirus, for free! Welchia virus? Blaster virus? PC all locked up? Ever run into these? Help is on the way. NC State has licensed Symantec AntiVirus and NC State students, faculty and staff can get a free copy. Computer viruses on campus are no laughing matter. Last year we blocked more than 100 student PCs from our network because they had been infected with viruses, and were flooding our network and degrading network services. These viruses make you look bad when your friends and teachers receive an infected message from you. Worse, the viruses can cause you to lose your data and even crash your computer to the point that only reinstalling the operating system can get you back up and running. Don't let this happen to you!

To avoid getting infected:

- ▶ Install Symantec AntiVirus managed version from the "Computing Essentials 2004" CD or download it from <http://www.ncsu.edu/antivirus/>.

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2 WELCOME TO NC STATE'S ITD

Best wishes as you begin a new semester at NC State.

3 CHECK OUT SOME SPECIFICATIONS

Do you need a new computer? Check out this page and see.

4 A VERY IMPORTANT MAP

Follow this map and you should never be lost on campus.

5 GET TO KNOW THE RULES

Safe, responsible computing is the best way to go.

6 THE DIGITAL D.H. HILL

The library is wired and ready to aid in your education.

7 OBTAINING PRINT QUOTA IS EASY

With the new IOU system, printing becomes a snap.

8 HOOK UP WITH RESNET

Connect to the high-speed campus data network.



◀ **Virus** continued from page 1

- ▶ Avoid email attachments unless your virus definitions are current (no earlier than one week prior to the current date). Attachments with the extensions of exe, bat, pif, scr, zip and vbs are often viruses. Save email attachments to disk before opening them. Symantec AntiVirus "File System Realtime Protection" will automatically scan them. To learn if you have the most current virus definitions check <http://www.ncsu.edu/antivirus/versions/>.
- ▶ Write-protect your floppy or Zip disks after you have finished writing to them.
- ▶ Install all security patch updates issued for your operating system. Users of various Microsoft Windows products can go to <http://windowsupdate.microsoft.com> for these updates.
- ▶ Set passwords for all accounts on your computer to increase security. See <http://ncsu.edu/resnet/pages/security/security.php> for more info.
- ▶ To get help with a virus you already have, or if you need help installing Symantec AntiVirus, call 515-HELP (4357).

Remember, new viruses are frequently created. Check your virus definition version regularly and make sure you are protected. With our managed installation of Symantec AntiVirus, updates occur automatically.

If you are using Symantec AntiVirus off-campus you should refer to http://www.ncsu.edu/antivirus/remote_connections/ for more information on keeping your virus definitions up-to-date. Find out more about virus protection software on the "Computing Essentials" CD, on <http://www.ncsu.edu/antivirus/>, or by calling 515-HELP (4357).



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or visit: <http://www.ncsu.edu/it/essentials/>. Choose the "Unity Computer Labs" link under "Connections."

▶ **Printing**
Printing in most Unity labs is handled through Wolfcopy. To print, you must have paid for print quota in advance. You can put money in your print quota account at the Wolfcopy desk located on the first floor of the Talley Student Center (see map, G4). For more information, visit <http://print.ncsu.edu/>.

▶ **Email Basics**
IMAP (Internet Message Access Protocol) is the default email service for all new Unity accounts at NC State University. It allows email messages to be stored on an NC State IMAP server so that they can be accessed from anywhere, through any web browser or compatible email client, such as MS Outlook, Netscape Messenger, Eudora, Mozilla or NC State webmail. (For more information about webmail, see <http://www.ncsu.edu/it/essentials/>.)

▶ Service	Host Name
▶ IMAP (incoming email)	yourloginID.mail.ncsu.edu
▶ SMTP (outgoing email)	smtp-resnet.ncsu.edu (<i>ResNet subscribers only</i>)
▶ SMTP (outgoing email)	smtp.ncsu.edu (<i>other NCSU network users</i>)*
▶ SSH	ssh.ncsu.edu
▶ FTP	ftp.ncsu.edu

* Off-campus clients should use the SMTP server provided by their Internet Service Provider (ISP).

Notes: You do not need to configure the email software in Unity labs. Before using these services, see the Essentials website to familiarize yourself with the regulations (<http://www.ncsu.edu/it/essentials/>).

▶ **Email Addresses**
Your Unity email address is your Unity ID (usually your first initial, second initial and the first six characters of your last name) in the following format: *yourUnityID@ncsu.edu*. For instructions on how to use your Unity account, see the "Computing Essentials 2004" CD or visit <http://www.ncsu.edu/it/essentials/> and select the Email link under the Tools menu.
The table above provides a list of host names that can help you set up your software to access Unity resources. For more information, visit http://www.ncsu.edu/resnet/email_setup/.

▶ **If You Already Have an Email Address**
By default, your official university email address is your Unity email address. If you prefer another email address, add it through Registration and Records' TRACS LINK system: http://www.ncsu.edu/reg_records/.
Even if you update your address information with a non-Unity email address, email messages may still be sent to your Unity address. You can request forwarding of your Unity email to your preferred address.
For more information about email forwarding, contact the NC State University Help Desk at 515-HELP (4357) or send email to help@ncsu.edu.



**GREETINGS,
NC STATE STUDENTS,
FACULTY AND STAFF,**

Hello and welcome on behalf of ITD, NC State's Information Technology Division! ITD supports academic and research computing, and provides high-speed data networking and Internet services. We work in collaboration with information technology staff in college- and campus-support units to provide technology systems and services. Our mission is to provide you with a technology-rich environment, which will support learning and your success at NC State.

We are pleased to announce significant enhancements to the campus-computing environment this semester, which have been delayed but not deterred in spite of challenging economic times for our campus and the state.
For example, in response to popular demand for mobile computing and wireless coverage (WiFi), the campus wireless network and nomadic computing system is being expanded to include the entire Brickyard area, some nearby buildings and many common areas around residence halls. We also will increase the flexibility and amount of personal file space automatically assigned to Unity/Eos computing accounts thanks to the new Enterprise Storage Management System deployed this summer.

As we advance and expand NC State's technology environment, it becomes ever more important to be aware of activities which may put it at risk. We need you to help protect the security and efficiency of the campus network and computing resources. We provide antivirus software free to you, and we require that you install it and keep it up-to-date on all computers attached to the campus network. This will help protect your data and email communications as well as our shared IT resources. Of course, if you use the university's computing resources to engage in illegal activities, such as illegal downloading and distribution of copyrighted media files, you will be liable for the legal, academic, financial and other consequences.
Whether you are a student, instructor or administrator, the *Computing@NC State* newsletter offers a handy overview of the IT resources available to you at NC State, and helpful advice on how to use them safely and responsibly.

Best wishes as you begin a new semester.
Sam Averitt,
Vice Provost for Information Technology

