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Goodbye 'netid,' Hello 'modem account'...

Confusion surrounding the terms "netid" and "UOnet account" has inspired Computing Center staff to repackage them as a "modem account." Beginning fall term, you'll be seeing and hearing the term "modem account" used in Computing Center documentation and consulting services in lieu of "netid" and "UOnet account." In the paragraphs below, we introduce modem accounts in detail—what they are, who needs one and why, and how to set one up.

What's a Modem Account?

A modem account is the key to having direct network access without having to log in on a timesharing system such as GLADSTONE or DARKWING. Once you have a modem account and have installed the appropriate remote access software, you have direct dial-in access to all Internet services and archives from home—or from any other on- or off-campus location that is not physically connected to UOnet, the UO's campuswide network.

Who Needs One?

UO students, faculty, and staff who dial in from a home computer and want direct network access must have a modem account. If you are dialing in successfully now, you do *not* need to change anything!

How Do You Set One Up?

Setting up a modem account involves the selection of a unique network username (formerly called a "netid") and a password, using the Computing Center's account authorization program, AUTHORIZE. This program authenticates your status as a University student, faculty, or staff member, using information you provide online, and establishes a modem account for you. (You also use the AUTHORIZE program to set up timesharing accounts.)

To set up a modem account with the AUTHORIZE program, you must use a personal computer (or terminal) on campus that is physically connected to UOnet, or a home computer that has dial-in access to your campus timesharing system, (i.e., your GLADSTONE or OREGON account). You can find public networked computers and terminals in most campus labs, the Knight Library's Information Technology Center, the Science Library, and Computing Center lobby areas.

The way you invoke the AUTHORIZE program depends on how the workstation you're using accesses UOnet. For step-by-step instructions on how to set up a modem account from various types of workstations, see the handout "How to Get a Modem Account." It is available in the Computing Center Documents Room (205), at the downstairs Help Desk, in campus microcomputing labs, and online at <http://darkwing.uoregon.edu/~cchome/documentation/modem.html>

copyrights on the Web: What's Legal?

Suppose you're designing a Web page and you want to copy a graphic you find on the network, modifying it to suit your needs. Can you do this without getting sued?

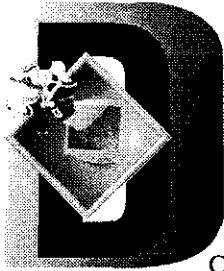
Perhaps you're an instructor, and you want to distribute copyrighted source material to your students over the network. Is this "fair use?"

Or maybe you're just a casual network browser, and you want to copy an amusing USENET posting and e-mail it to a friend. Is this okay?

Questions like these are multiplying exponentially as more and more people tap into

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Duckware CD-ROM Debuts

The Duckware CD-ROM is here!

Produced this summer by the UO Computing Center and funded by the student technology fee, this CD-ROM is being made available to all current UO students and faculty at no cost. It contains many valuable computing resources, including

- network software for connecting to the Internet from on- or off-campus
- software from the UO Computing Center's public domain libraries, including operating system updates, shareware, utilities, drivers, clipart, and more (software categories differ for Macs and *Windows*-based PCs)
- documentation to help answer common questions and refer users to sources of additional information and help

System Requirements

The Duckware disc can be used on either a Macintosh or PC/*Windows* computer system with a CD-ROM drive. To use it on a Macintosh, you'll need to run System 7.x or higher. For PC/*Windows*, you need *Windows 3.1* or *Windows 95*.

If you don't have a CD-ROM drive...you may use the CD-ROM drives on UO computer lab machines. If you prefer to use diskettes, the Microcomputer Support Center (Room 202A) is also selling the same remote access software package on diskettes at nominal cost. If you prefer not to buy, you may check out a diskette set from Computing Center Documents Room (205).

Microcomputer

Over the past few months, the Microcomputer Services staff has been working hard, preparing for the 1996-7 academic year. Here's the scoop on what's new for fall, what's planned for the near future, and where you can go to get help with your microcomputer questions.

What's New?

Duckware CD-ROM. No more waiting in line to copy, check out or buy software from the campus network collections! Now all the UO network application installers, dial-in software installers, public domain software and shareware, clipart, interactive tutorials, and helpful documentation are conveniently packaged on one CD-ROM. The new Duckware CD-ROM is being made available to all UO students and faculty at no cost, together with printed

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Where to Get One

Students: Students may pick up their copy of the Fall 1996 Duckware CD-ROM at one of the following locations:

- **Computing Center:**
 - Help Desk
 - Microcomputer Support Center
- **Dorm Area Desks** (for dorm residents):
 - Hamilton
 - Carson/Earl
 - University Inn
- **CC-EMU Microcomputing Lab**
- **CC-Klamath Lab**
- **CC-Millrace Lab**
- **Knight Library Information Technology Center**
- **Science Library Information Technology Center**

Faculty: The Duckware CD-ROM is being sent to all faculty via campus mail.

Recycling Information

When these Duckware discs become outdated, you may recycle both the disc and its Tyvek sleeve packaging in designated bins at any of the distribution locations mentioned above, as well as at the Survival Center in EMU Suite 1.

Questions?

For additional help or information about Duckware CD-ROMs, contact the Microcomputer Support Center (202A Computing Center; e-mail: microhelp@oregon.uoregon.edu; phone: 346-4412).

Services Gears Up for Fall

documentation on how to connect to UOnet (the UO campus network) via modem. For more details on what software is included on the Duckware disc and how to get yours, see the article "Duckware CD-ROM Debuts" above.

New Web Address. Our Web site has a new address that's much easier to remember than the old one. Look for us at <http://micro.uoregon.edu>

PC Copy Stations Updated. Thanks to a generous donation of used computers from the Law School, we have updated the PC copy stations in the Microcomputer Support Center. These stations will allow us to run *Windows 95* and take advantage of its superior interface to aid users in copying shareware software from our servers.

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Microcomputer

Services, continued..

CC Public Domain Revamped.

We've cleaned house! The 10,000 files on this server have been updated and reorganized in a more logical manner. We feel that the new look should help you more easily find what you need. CC Public Domain can be accessed via AppleShare in the UOnet AppleTalk zone (log in as "Guest"), or via *ftp*, logging in on ccpd.uoregon.edu using the username **anonymous** and a password of the form *your-username@oregon*

More Staff. We know it can be difficult to reach us by phone during peak business hours, so we've hired more people to begin to meet the increasing demand for our services. With additional staff, we hope to be able to answer more incoming calls directly, or at least return your calls more promptly.

What's Next?

New PC Public Domain Server. During fall term, look for a new *Windows NT* public domain server for PC users. Whether you use *Windows 95*, *Windows NT*, or *Windows for Workgroups*, you'll have easy access to

the latest PC public domain software we distribute—including our network application and dial-in software installers.

Windows 3.1 and *DOS* users will still be able to access our menu system on *Zeus*, the Novell Netware server.

...and More... Many other exciting projects are underway. Look for announcements in future issues of *Computing News*, or check our Web site at <http://micro.uoregon.edu> for the latest developments.

Where to Get Help

Take your microcomputer-related questions to the Microcomputer Support Center. The consulting office (Room 202A) is open between 9 am and 5 pm weekdays. You may also reach a consultant by calling **346-4412**, or sending a brief e-mail message to

microhelp@oregon.uoregon.edu

Information about our services is also available at

<http://micro.uoregon.edu>



If you store your work on a diskette, particularly if you use the campus microcomputer labs for your computing work, here are some tips for keeping your data safe:

- 1. Always copy your work files to more than one diskette.** A diskette can fail without warning. In most cases, the data can be recovered, but you may lose some of your work, and you will *always* lose time trying to salvage lost data.
- 2. Keep your diskette in a hard container.** Diskettes are easily damaged, particularly when they're transported in backpacks. A hard, plastic container can help protect your valuable files.
- 3. Don't hang on to old diskettes.** The reliability of a diskette degrades over time and with continued use. If your diskette is more than a few months old and you use it constantly, consider purchasing a new one. Copy all your data onto the new diskette and throw the old one away.

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Reminder:

Use OREGON to Read 9-Track Tapes

Over the summer, the Computing Center replaced a number of older controllers and disks on the VMScluster with newer, more reliable equipment. As a consequence of the upgrade, 9-track tapes can no longer be mounted on DONALD or DAISY. If you need to read a 9-track tape, you must use OREGON.

The MOUNT command has also changed slightly: substitute **mk**: where you used to type **mu**: to identify the tape volume or reel, i.e.,

```
$ mount/comment="pw:password" mk: valid logical-name
```

Remember, too, that the old 3480-style tape drives are no longer available!

Questions, Concerns?

If you have further questions about the new tape procedures, contact a VMS consultant at consult@oregon.uoregon.edu.

getting an ip address the easy way

All campus personal computers that operate on the Internet, using software such as *Netscape*, *Eudora*, and *ftp*, must have an Internet Protocol (IP) address assigned. In the past, machines new to the campus network had to be registered with the Computing Center's Network Services staff, at which time they were assigned an IP address.

Now, a new network service known as DHCP (Dynamic Host Configuration Protocol) automates this process by assigning an IP address whenever a properly configured machine is plugged into the campus network. DHCP address assignment will be particularly useful for "roving" users, who use their computers at various campus locations. For example, a student working on a laptop computer in their dorm room could shut it down, take it to the library, plug it into an activated network jack, boot the machine, and continue working there.

There are certain situations when DHCP dynamic address assignment should not be used. If the machine is going to be used as a server (i.e., an e-mail, Web, or *ftp* server), it should be formally registered on Network Services' Bootp Registration Form at <http://ns.uoregon.edu>. It is then assigned a fixed IP address and a user-

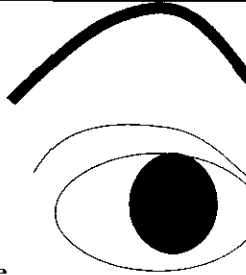
specified host name. Laser printers and other devices that provide service to a large number of users should be registered similarly.

Otherwise, you should make use of DHCP to obtain an IP address and get your system up and running on the network. If you're the owner of a typical personal computer (such as a Mac running *Open Transport* or a PC/compatible running *Windows 95*), and you wish to connect your machine to UOnet, you'll first need to configure it to select DHCP. See <http://ns.uoregon.edu/dhcp> for examples of how to configure your system for DHCP. Then, just plug it into an appropriate campus network jack, boot it, and you're up and running on the network.

If you are using an existing machine that has already been registered and which has an IP address assigned, you can continue to use it without taking any action.

Need Help/More Information?

If you encounter a problem using DHCP, in most cases it can be corrected by rebooting the machine. For more information on DHCP, send e-mail to nethelp@ns.uoregon.edu or see the Network Services Web pages at <http://ns.uoregon.edu>



Keep an Eye on CC Public Domain

Stay abreast of major system software updates and important changes to the Computing Center's public domain servers with two new e-mail lists, **microinfo-mac** and **microinfo-pc**. Instructions on how to access and use these lists is summarized below.

How to Subscribe: To subscribe to either one of these lists, send an e-mail message to majordomo@lists.uoregon.edu. The text of the mail message should be a **subscribe** command identifying the mailing list, on a line by itself. For example, if you wish to subscribe to the *microinfo-mac* list, you'd type

subscribe microinfo-mac

*** Note to VMS MAIL users:** Remember to add the **in%** prefix and double quotes to the mailing address, i.e.,

To: in%"majordomo@lists.uoregon.edu"

Note that you don't need to subscribe to these lists to receive postings. Instead, you may access the lists through a news reader like *NewsWatcher* or *Trumpet*, under the names *uo.cc.mailing-list.microinfo-mac* and *uo.cc.mailing-list.microinfo-pc*



Diskette Smarts, continued...

4. Use 3 1/2" plastic diskettes whenever possible. Floppy 5 1/4" diskettes are much

less reliable than the smaller 3 1/2" plastic ones. If you have a choice, use the smaller ones.

5. Be aware of diskette danger zones. Diskettes are very susceptible to damage by heat (i.e., direct sunlight), moisture, dust, and magnetic fields (including the magnet in your phone!)

6. Discard repaired disks. If your diskette ever fails and is

repaired, *always* throw out the defective diskette after recovering your data. It's not worth the risk of reusing it.

Questions?

If you have further questions about safeguarding your microcomputer data, contact the Microcomputer Services staff in Room 202A (phone: 346-4412; e-mail: microhelp@oregon.uoregon.edu) Hours are 9 am to 5 pm, Monday through Friday.

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FALL WORKSHOPS

This fall, the UO Library is offering 90-minute workshops on a variety of Internet topics, the Lexis/Nexis database, and bibliographic software. Most workshops include some hands-on experience, and all are free to UO faculty, staff, and students. *Unless otherwise noted with an *, classes will be held in the Knight Library's Electronic Classroom (Room 144).*

No advance registration is required. Seating is limited, so participation will be on a first-come, first-served, basis. Requests for accommodation related to disability should be made to 346-1897 at least one week in advance of the workshop.

Call 346-3047 or see <http://libweb.uoregon.edu/instruct/internet.html> for more information about the Library's Internet curriculum. Printed descriptions of the workshops are also available at the Knight Library reference desk and in the Information Technology Center.

Workshop	Day/Date	Time	Presenter(s)	
Introductory Web Courses				
Introduction to the Internet	Thu Oct 3	11am - 12:30pm	Heinzkill, Lenn	
	Thu Oct 10	1 - 2:30pm	Heinzkill, Lenn	
	Thu Oct 17	1 - 2:30pm	Heinzkill, Lenn	
	Mon Oct 28	1 - 2:30pm	Robare, Slight-Gibney	
	Mon Nov 4	3 - 4:30pm	Robare, Slight-Gibney	
World Wide Web for the Computer Novice	Thu Oct 3	1 - 2:30pm	Hawk, Robare	
	Mon Oct 7	1 - 2:30pm	Frantz, Hawk	
Introduction to the World Wide Web	Wed Oct 2	4 - 5:30pm	Crumb, Lincicum	
	Wed Oct 9	12:30 - 2:00 pm	Crumb, Lincicum	
	Tues Oct 15	11am - 12:30pm	Crumb, Paynter	
	Mon Oct 21	4 - 5:30pm	Frantz, Stave	
	Tues Oct 22	1 - 2:30pm	Robare, Slight-Gibney	
	Wed Oct 23	12:30 - 2pm	Bell, Panchenko	
	Thu Oct 31	2 - 3:30pm	Chadwell, Thomas	
Thu Nov 7	12:30 - 2pm	Bell, Panchenko		
Beyond Just Surfing: How to Find What You Really Want on the Net	Mon Oct 14	1 - 2:30pm	Cawthorne, Paynter	
	Thu Oct 17	11am - 12:30pm	Cawthorne, Jenkins	
	Mon Oct 21	2 - 3:30pm	Cawthorne, Jenkins	
	Tues Oct 29	1 - 2:30pm	Jenkins, Paynter	
USENET Discussion Groups				
	Knight Library Room 144 (PC users)	Wed Oct 30	3 - 4:30pm	Klassen
ITC Classroom* (Mac users)	Tues Oct 29	3 - 4:30pm	Klassen	
Introduction to Web Publishing				
	Knight Library Room 144 (PC users)	Wed Oct 16	12:30 - 2:30pm	Smith, T. Smith
		Mon Oct 28	3 - 5pm	Smith, T. Smith
		Tues Nov 5	4 - 6pm	Smith, T. Smith
	ITC Classroom* (Mac users)	Tues Oct 8	4 - 6pm	Frantz, Holman

*ITC = Information Technology Center, on the second floor of the Knight Library

FALL WORKSHOPS

Intermediate Web Publishing

HTML Revisited

Knight Library Room 144 (PC users)	Wed Oct 23	9 - 10:30am	Johnson
ITC Classroom* (Mac users)	Thu Oct 24	1 - 2:30pm	Johnson

Debugging and Publishing Non-HTML Documents

Knight Library Room 144 (PC users)	Wed Oct 30	9 - 10:30am	Johnson
ITC Classroom* (Mac users)	Thu Oct 31	1 - 2:30pm	Johnson

Images on Web Pages

Knight Library Room 144 (PC users)	Wed Nov 6	9 - 10:30am	Johnson
ITC Classroom* (Mac users)	Thu Nov 7	1 - 2:30pm	Johnson

HTML Editors and Converters

Knight Library Room 144 (PC users)	Wed Nov 13	9 - 10:30am	Brownmiller
ITC Classroom* (Mac users)	Thu Nov 14	1 - 2:30pm	Klassen

Animation

Knight Library Room 144 (PC users)	Wed Nov 20	9 - 10:30am	Johnson
ITC Classroom* (Mac users)	Thu Nov 21	1 - 2:30pm	Johnson, Klassen

Forms and CGI Scripts (PC & Mac users)

Knight Library Room 144 (PC users)	Wed Dec 4	9 - 10:30am	Johnson
ITC Classroom* (Mac users)	Thu Dec 5	1 - 2:30pm	Johnson

Introduction to Scanning: Creating and Moving Digitized Images (ITC Classroom)*

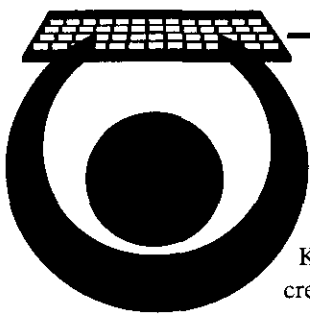
Thu Nov 14	3 - 4:30pm	Starr, Gomez
Wed Nov 20	3 - 4:30pm	Starr, Gomez

Subject Resources on the Web

Lexis/Nexis	Tue Oct 8	4 - 5:30pm	Paynter	
	Fri Oct 18	11am - 12:30pm	Frantz	
	Mon Oct 28	10 - 11:30am	Panchenko	
	Thu Oct 31	4 - 5:30pm	Panchenko	
	Mon Nov 11	7 - 8:30 pm	Panchenko	
Art and Architecture Information	Tues Nov 12	4 - 5:30pm	Esau, Pike	
	Thu Nov 14	5 - 6:30pm	Esau, Pike	
Chaos or Order? Using Bibliographic Management Software	Overview	Wed Nov 6	noon - 1:30pm	Brownmiller, Lenn
	EndNote	Wed Nov 13	noon - 1:30pm	Brownmiller, Lenn
	Procite	Wed Nov 20	noon - 1:30pm	Brownmiller, Lenn
	Consumer Information on the Web	Mon Nov 4	5 - 6:30pm	Panchenko
Tues Nov 19		5 - 6:30pm	Panchenko	
Electronic Journals...	Wed Oct 30	noon - 1:30pm	Brownmiller, Chadwell	
	Thu Oct 31	noon - 1:30pm	Brownmiller, Chadwell	
Finding a Job on the Internet (Note: Contact the UO Career Center at 346-3235 to register for this workshop!)	Tues Oct 15	3 - 5pm	Songer	
	Fri Nov 1	2 - 4pm	Songer	
	Thu Nov 21	3 - 5pm	Songer	
	Newspapers & News Services on the Web	Thu Nov 7	3 - 4:30pm	Frantz
	World News Connection (FBIS Online)	Thu Oct 31	10 - 11:30am	T. Smith, Stave

*ITC = Information Technology Center, on the second floor of the Knight Library

Take a Workshop Home —on Video!



If you've ever missed a UO microcomputer workshop you wanted to attend, or wished you could review a workshop you *did* attend, you now have the option of viewing it on video.

University Computing, in conjunction with the Knight Library's Instructional Media Center (IMC), has created a number of instructional videotapes which you may purchase or check out. The workshops range from 12 minutes to three hours (three one-hour tapes) in length and cover a variety of topics. Here's a current list of available titles:

- Introduction to *Windows 95*
- Introduction to *Windows 3.1*
- Introduction to Macintosh
- Computer Fundamentals
- Introduction to Microsoft *Word* (*Windows* and Macintosh)
- UO Computing Resources Tour
- Microsoft *Word* Advanced Formatting for Papers
- Getting More Out of Microsoft *Word 6.0*
- Microsoft *Excel 5.0* Fundamentals
- Getting More Out of Microsoft *Excel 5.0*
- Remote Access Using a Modem: Macintosh
- Remote Access Using a Modem: *PC/Windows*

Both the IMC and Computing Center Documents Room (205) have copies of these workshop tapes. Checkout procedures and purchasing details are presented below.

Note: The videotaped workshops will also be shown on campus cable Channel 14, available in the dorms. Stay tuned for scheduling information.

Check-Out and Purchasing

To check out or purchase a videotape, go to the Computing Center Documents Room (205) or the front desk of the IMC in the Knight Library. *Note that tapes may not be reserved in advance, and you need a photo i.d. to check one out.* If you prefer to buy your own tape, the charge is \$10 per tape.

IMC hours are 8 am - 10 pm, Monday through Thursday, and 8 am - 5 pm on Fridays. For more information, call **346-3091**.

Documents Room hours are 9:30 am - 5 pm, Monday through Friday. For more information, call **346-4406**.

Need Some Survival Skills?

If you're new to the computing world and would like to get up to speed, the CC-EMU Microcomputing Lab's fall "Survival Skills" classes may be just the thing. The CC-EMU lab (22 EMU) is offering introductory

computing classes during the second and third weeks of fall term under the topic headings *Introduction to Windows* and *Introduction to Macintosh*.

Among other survival basics, these courses provide instruction on getting a class account, reading e-mail, formatting disks, creating documents, and printing.

For workshop schedules and registration information, call **346-0581**. **Note:** You'll need to bring your own blank diskette to class.

Thinking About Dialing In???

If you're interested in establishing a dial-in modem connection to UOnet, the campus network, you might want to attend one of the remote access workshops the Computing Center is offering in October. These introductory classes cover the basics of dialing in from home on either a Macintosh or a PC/Windows system, using recommended dial-in software.

All workshops will be held in the Knight Library's Instructional Media Center, Studio C, which can accommodate 45 students. Classes are free and are offered on a first-come, first-served basis (no pre-registration is necessary). Each one-hour session is repeated at the same time on successive days:

- **Remote Access from a Macintosh**
 - **Using InterPPP**

Thursday, October 3	1 - 2pm
Friday, October 4	1 - 2pm
Monday, October 7	1 - 2pm
Tuesday, October 8	1 - 2pm
 - **Using MacPPP**

Thursday, October 3	2 - 3pm
Friday, October 4	2 - 3pm
Monday, October 7	2 - 3pm
Tuesday, October 8	2 - 3pm
- **Remote Access from a PC**
 - **Using Windows 3.1**

Thursday, October 3	3 - 4pm
Friday, October 4	3 - 4pm
Monday, October 7	3 - 4pm
Tuesday, October 8	3 - 4pm
 - **Using Windows 95**

Thursday, October 3	4 - 5pm
Friday, October 4	4 - 5pm
Monday, October 7	4 - 5pm
Tuesday, October 8	4 - 5pm

Questions?

For more information, call 346-441 or send an e-mail message to

microhelp@oregon.uoregon.edu



NEWS BRIEFS

Speedy New Alphas Arrive

Four new Digital Alpha 500 systems (named WATERFALL, THUNDERSTORM, DOWNPOUR, and RIVER) are now available to DARKWING account-holders.

These new systems are intended for compute-intensive applications. They are connected to a Digital Alpha 1000A network file server, and represent a substantial increase in capacity over what is available from DARKWING OF OREGON. Together they offer roughly thirty-six times the current CPU capacity available on DARKWING alone.

To access the Alpha cluster, telnet to *alpha.uoregon.edu* and log in with your DARKWING username and password; all your DARKWING files will automatically be available to you. (Note: Programs compiled on DARKWING under Solaris 2.5 must be recompiled under Digital UNIX to run on the new Alpha systems!)

As the fall term progresses, the staff will continue to add new applications to the Alpha cluster. A list of currently available software is shown under the Alpha column in the table on page 9 of this issue of Computing News. Additional compilers and scientific/technical applications—such as SAS and RATS—will be added as soon as possible. If you're interested in having a particular scientific or technical application available on Alpha, send an e-mail request to *hak@oregon.uoregon.edu*, describing the program.

Please note that the Alpha cluster will not be configured as a general-purpose Web server, nor will it be usable as a mail- or news-reading host. Any mail sent to your Alpha account will be delivered to your mailbox on DARKWING, instead. Please continue to use DARKWING for these types of general-purpose timesharing applications.

Stumped by Statistics?

Need assistance in analyzing your data? A Computing Center statistics consultant can help. For non-classroom projects, consultants aid in the selection, implementation, and interpretation of all the major data-analysis programs, including SAS, SPSS, S-PLUS, and MINITAB. Consultants also provide guidance on finding further documentation so that you can use these resources more effectively.

For more information about this consulting service, send an e-mail message to *robinh@oregon.uoregon.edu*, or call 346-1758.

Docs Room Changes Check-Out Policies

On September 23, the Computing Center Documents Room instituted a new checkout policy on a trial basis. Under the new policy, checkout times are substantially extended for books and videos. Books may now be checked out for two weeks, and videos, for one week. Borrowing limits for magazines remain the same.

All materials may be renewed once, except those that are in high demand (e.g., documents on network-related topics such as the Internet, Java, CGI, HTML, etc.). You may still renew by phone or e-mail.

During this trial period, Documents Room staff will be evaluating the new checkout policy. If you have comments or feedback, contact the staff (phone: 346-4406; e-mail: *docsrm@oregon.uoregon.edu*), or drop by in person. The Documents Room is located on the second floor of the Computing Center in Room 205. During the academic term, hours are 9:30 am to 5 pm, Monday through Friday.

TeX on VMS

DECUS TeX95 is now installed on OREGON and is available to everyone. This versatile typesetting software is the *de facto* standard for formatting complex mathematical and technical documents for printing. For more information about TeX on OREGON, type

```
$ type/page tex_disk:[texmf]aaareadme.txt
```

New Rates for Network Installation

Due to funding restrictions, the Computing Center's Network Services group recently instituted a charge for new network connections. This charge is for installing new network connections *only*; there are no fees for network usage or maintenance. Here's the new fee structure:

Installation of a new network connection	\$100
Moving an existing connection	\$50
Installation of new wiring	time and materials
Network installation to buildings without current UOnet service	time and materials

Comments about this policy change should be directed to Joanne Hugi, Director of University Computing (e-mail: *hugi@oregon.uoregon.edu*; phone: 346-1702).

Software Available on Alpha, DARKWING, & OREGON

Type of Software	Alpha Systems	DARKWING	OREGON
Statistics Packages	sas	sas spss minitab bmdp Splus eqs rats	SAS ¹ SPSS ¹ SCA PRELIS/LISREL SHAZAM SLAM LINDO LIMDEP
Text Editors	pico ¹ vi ¹ emacs [gnu] ¹	pico ¹ vi ¹ emacs [gnu] ¹	EVE ELVIS (vi) MicroEMACS
Network Software	ftp telnet	pine (e-mail) ftp (remote file transfer) telnet (remote log-in) lynx (Web Browser) trn, tin (USENET News)	PINE (e-mail) FTP (remote file transfer) TELNET (remote log-in) LYNX (Web Browser) TIN (USENET News)
X Windows-Only		netscape ileaf6 (desktop publishing) coreldraw (graphics)	NETSCAPE MOSAIC
Programming Languages	c (C language) c++ (C++) f77 (FORTRAN) pc (Pascal)	c (C language) c++ (C++) f77 (FORTRAN) pc (Pascal) IMSL Math/Stat Libraries	C FORTRAN (77 and 90) Pascal
Mathematics	mathematica	mathematica matlab maple	MATHEMATICA
Miscellaneous	rasmol ² radiance ³	radiance ³	

¹ also available with an X-Windows interface

² 3D molecular models for chemistry instruction

³ ray shading for architecture



Copyrights, continued...

the information resources of the World Wide Web. What was once a heady free-for-all is now coming up against some sticky copyright and fair-use issues—issues that are far too numerous and complex to be adequately addressed in a single brief article. Instead of grappling with the finer points of law, this article is merely intended to alert the campus community to the importance of taking network copyright issues into account. In the paragraphs below, we identify some of the critical copyright areas you are likely to encounter and refer you to related source material for details.

Fair Use

The definition of “fair use” is particularly vital to academia, as copyrighted materials play a significant role in higher education. Over the years, as the concept of fair use was developed by the courts, it was intended to balance the rights of copyright owners with certain uses to the public. Under the U.S. Copyright Law of 1976, the “fair use” of copyrighted work is defined as “use by reproduction...for purposes such as criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research.” Educators should not assume, however, that copying and disseminating Web materials is within the law merely because it is done for educational purposes.

The law includes several tests used in determining whether a particular copying is fair use:

- the purpose and character of the use, including whether such use is of a

commercial nature or is for nonprofit educational purposes

- the nature of the copyrighted work (i.e., is it a poem or a textbook?)
- the amount and substantiality of the portion used in relation to the work as a whole
- the effect of the use upon the potential market for or value of the copyrighted work

The courts weigh all four factors. When the UO Library accepts materials for reserve, or the Printing Department produces course packets, they must apply similar standards to minimize the risk of UO liability for copyright violations.

A good source of information on fair use law may be viewed at <http://fairuse.stanford.edu>. This site, sponsored by Stanford University Libraries, in collaboration with the Council on Library Resources and FindLaw Internet Legal Resources, provides not only a thorough overview of copyright law, but also has links to primary legal source material, judicial opinions, and current legislation, cases, and issues. It also provides links to other copyright information resources on the Internet.

Multimedia Issues

The rules for fair use are particularly unclear in the new frontier of multimedia. Note that copyright law protects sounds and images as well as text, and interpretation of the law is increasingly stringent. If you “borrow” an image from the Web and modify it

to suit your needs, you are creating a derivative work, and may need permission from the copyright owner of the original.

Newsgroup Postings

Many people assume that anything that is posted to USENET is in the public domain and may be freely copied. This is very probably wrong. Copyright applies to newsgroup postings as well as any other publication, image, or sound that is not clearly in the public domain. For discussions on copyright as it affects USENET news publishing, see <ftp://rtfm.mit.edu/pub/usenet/news.answers/net-privacy/>

Stay Current!

Keep in mind that copyright law is likely to change dramatically in the near future. Lobbyists from both the publishing industry and academia are currently involved in attempting to develop guidelines and proposed changes in the law. Several bills have already been introduced in Congress, some of which would radically change the rules as they affect universities.

When in Doubt...

The stakes are high and the law is complex. If you're doing anything unusual, or have even a shadow of a doubt about copyright infringement, be sure to get adequate legal counsel.

For More Information... see the list of links pertaining to Web copyright issues at <http://darkwing.uoregon.edu/~jqj/publishing/copyright-notes.html>

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