



I.T. TIMES

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California Takes the CENIC Route

Don't let the sound of it confuse you. CENIC (pronounced *scenic*) is not a description of the view from Highway 1, but a new direction in academic networking. The Consortium for Educational Network Initiatives in California is a collaborative effort of the University of California, California State University, Stanford, University of Southern California, and the California Institute of Technology to build a high-speed, statewide network among California academic institutions.

The network will serve as the California branch of Internet 2, the high-end network that will link research universities across the country. Internet 2 will combine the forces of a number of regional networks, each of which will be known as a "gigapop," or gigabit capacity point of presence. These points of presence, routing centers maintained by regional Internet 2 members, will perform at speeds hundreds of times faster than those generally available today.

Information Technology's Russ Hobby, chair of the CENIC technical planning group and one of ten engineers designing Internet 2, helped write the proposal for funding submitted to the National Science Foundation on January 1st. The majority of funds will come from the university participants: UC and CSU have each pledged \$100,000 to create the CENIC organization, and Stanford, Cal Tech and USC have each promised \$30,000.

"The idea is to create a California network with Internet 2 attributes," says Hobby. The best-effort level of service provided by today's Internet isn't sufficient for research purposes, particularly with the recent surge in Internet traffic. Lack of reliability may inhibit researchers and instructors from taking advantage of available technologies. Engineers building Internet 2 plan to provide several levels of service, allowing users to reserve bandwidth for specific projects at certain

times.

Imagine an astronomer on campus who would like to view the sky via telescope at the same time each week. Rather than make a weekly road trip to Lick Observatory, the astronomer could link remotely to a telescope at Lick from a computer on campus. Today's network might not provide the reliable service that would make this weekly viewing a certainty. But with Internet 2 in place, the astronomer would be able to reserve bandwidth in advance, and the viewing time would be guaranteed.

"Internet 2 is application-driven. We aim to do things we haven't been able to do before because of low bandwidth or less than adequate reliability," Hobby says. Creating new services based on the current and anticipated needs of academics mirrors the evolution of the original Internet. The development of Internet 2, like that of its

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UC Sustainable Ag Web Site Wins Second National Award

For the second time in two years, the UC Davis-based Sustainable Agriculture Research and Education Program (SAREP) has received a national award for its World Wide Web site. This year's silver award comes from Agricultural Communicators in Education (ACE), which particularly noted SAREP's user-friendly approach. SAREP received a bronze award last year from the Council for Advancement and Support of Education.

"We're extremely honored that this award comes from a group focused on agriculture and education," says Jill Shore Auburn, SAREP Associate Director.

SAREP's Web audience consists largely of California farmers and others interested in sustainable agriculture issues, such as researchers, consumers, policy makers, UC administrators and government officials. The site allows users to search for and view information in a database of 400 color images of plants, summaries of dozens of SAREP-funded research projects, hundreds of newsletter articles and calendar entries. The site (<http://www.sarep.ucdavis.edu>) is managed by Joel McKinney, SAREP programmer/analyst.

"Make Money Fast"

If you are tempted to try out one of the "MAKE MONEY FAST" schemes via E-mail or Usenet News, please think twice! Posting a message of this nature is a violation of the UC Davis Acceptable Use Policy (AUP) and may also violate Federal postal regulations. The AUP explicitly states that use of campus e-mail accounts for commercial purposes is prohibited. Initiating or propagating electronic chain letters is also strictly prohibited. Either of these activities may result in suspension of your e-mail account without warning.

If you have any question as to your use of your campus e-mail account, please check the UC Davis Acceptable Use Policy at <http://www.ucdavis.edu/AUP.html>.

"The real challenge facing educators today is identifying the student characteristics and matching them with the appropriate technologies."

-- Administrator/

North Carolina State University

Courtesy of Educom Review

Laptops Connect at New Shields Library Ports



Sophomore David Elmo Ho connects to the network with his laptop using a port at Shields Library.

Until recently, the sure sign of a laptop in use at the library was a cord stretched across an aisle. Now laptop users with campus accounts can find specially equipped study carrels in Shields Library that provide not only electrical outlets but network connections.

The twelve carrels, located in the reading room behind the information desk, allow users to plug their laptops directly into an activated wall jack and take advantage of such online services as the MELVYL system, the Web, and the central campus UNIX machines. Whereas laptops might once have been handy for taking notes, completing class assignments, or working with off-line software, now they also can be used for accessing e-mail or locating library resources.

On-campus network access has many advantages for laptop users. While PCs with online capabilities may be found throughout the campus libraries, users outnumber stations during peak times. Lines also form at campus computer labs, so checking one's e-mail on campus is not always a simple task. Downloading information also becomes more convenient with a laptop.

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Odyssey '97

Innovative technology, inventive teamwork, and interactive tools only begin to describe Odyssey '97, a week-long technology showcase coming your way next month.

Consider making a presentation at the event or volunteering to help. For more information, visit <http://lm.ucdavis.edu/odyssey/intro.html>, or e-mail odyssey@ucdavis.edu.



California Takes the CENIC Route

Continued from page 1

predecessor, provides a forum for experimentation, exploration, and exchange of information. Protocols in development include Ipv6, a packet-delivery system that allows a user to assign priority to data transmitted via the Internet, and multicast, which duplicates data being sent to multiple recipients at a branch point in the network, making more efficient use of both network capability and desktop memory.

As new protocols become tenable, their use will expand into the commercial sector.

"It's not cost effective for commercial vendors to build equipment exclusively for universities. If the technology has a use in the private sector, vendors are more interested," Hobby says. Partnerships with the private sector provide academic engineers with the support they need, and later allow companies to market new technologies to a wider public.

Production on a grand scale also makes equipment more affordable to universities. A statewide academic network was discussed in the late 1980s, Hobby says, but universities opted instead for autonomy. Now that networking expenses are rising dramatically, collaboration has become more attractive. The partnership will bring costs down across the board by creating leverage with vendors and sharing the costs of building the Internet 2 infrastructure.

— Aviva Luria

High-Tech Community Policing Project Wins Grant

The National Institute of Justice will award a grant of about \$150,000 to the City of Davis Police Department for implementation of a community policing project. Davis Police are partnering with UC Davis, the Davis Joint Unified School District, and the Davis Community Network to develop an educational program that both utilizes and addresses the use of technology in the community.

The grant will fund the purchase of computer equipment as well as the development of software products for the Internet that provide information about online crimes and other community safety issues, and instruct children on legal and safe ways to use networking technologies.

"Parents are concerned. They don't understand what the dangers are and don't understand what their responsibilities are," says Vicki Suter, a programmer/analyst for UC Davis' Information Tech-

Laptops Connect at New Shields Library Ports

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Library PCs can be used to access the Web, but users must have a diskette to save the material. Laptop owners using the new network ports can download data from the Internet directly onto their hard drive.

"I was really surprised at the connection I got," says David Elmo Ho, a sophomore majoring in Agricultural Economics. Ho connects at home by modem to the campus modem pool, which affords only a 14.4 Kbps line rate. Downloading a 1 MB file from home can take up to an hour during optimum periods (early morning hours) and less than a minute via the direct connection.

Ho, who doesn't own a network card, can borrow one from the Reserves Services desk in Shields. It is checked out on his li-

brary card for a period up to four hours and comes with a coaxial cable, an adapter, and instructions. Currently there are four kits available for check out.

Library Systems Manager Mary Heath says the installation of the network ports serves to forward one of the General Library's most essential aims.

"We want to ensure that students have access to instructional materials. Because an increasing number of materials and resources are electronic, we see this as one way of realizing that goal," Heath says. Some journals eventually may discontinue publishing paper copies entirely, and this makes access to online resources increasingly important for students, educators, and researchers.

The ports may encourage more students to purchase laptops,

says Ho. Because laptops are more expensive than desktop computers, students must weigh expense against portability.

"For a student like me who is on the go all the time, a laptop is very convenient," he says.

The area where the ports are located is marked only with a sign near the Information Desk, and the carrels themselves have notices indicating that they are equipped with jacks and outlets for network access. Few students seem to know about them, and the library is working on getting the word out. Library administrators, with the help of Information Technology, are planning to increase the number of ports, and the project might be accelerated if use of the ports increases substantially.

— Aviva Luria

A11 Mainframe to Retire

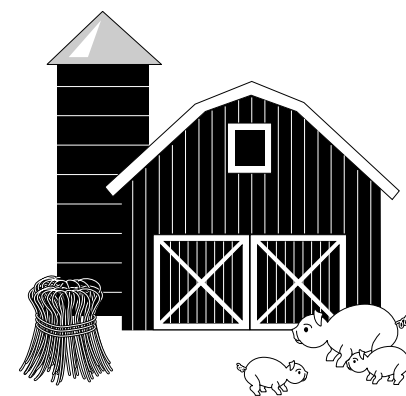
The A11 mainframe will go into semi-retirement in July, to be permanently decommissioned in early 1998. For many years the A11 has hosted a number of administrative functions, including accounting, payroll, budget, equipment inventory, grounds and buildings, accounts payable, and the student information system. Now these systems are being replaced by newer ones, making them more flexible, efficient, and convenient for campus users.

Running a mainframe like the A11 becomes less cost effective as applications migrate elsewhere. This migration began at UC Davis in the late 1980s when the payroll system moved to the Office of the President. The student informa-

tion system moved from the A11 to a UNIX-based platform in the early 1990s. DaFIS (the new Davis Financial Information System) is scheduled to start up in July 1997, and will serve as the primary system for financial applications.

For an interim period between the planned DaFIS implementation date and actual retirement, the A11 will operate in a limited capacity to accommodate fiscal year 96/97 closing and calendar year 1997 tax reporting.

Data that resides on the A11 will not be updated beyond the 96/97 fiscal year. After that time, users should turn to the newer systems, such as DaFIS and the Payroll Personnel Data Warehouse.



I.T. Volunteers Judge Field Day

Volunteers from Information Technology judged the computer portion of the annual Ag Science Field Day, a series of competitive events for high school students involved in agriculture. Over 2,400 student members of California 4-H and Future Farmers of America participated in 23 agriculturally-based competitive events. The Field Day has been sponsored by the College of Agricultural and Environmental Sciences for the past 18 years as part of an outreach and recruitment effort.

About 75 participants took part in the Computer Applications Contest, which required students to submit a computer application (in this case a spreadsheet) and do a three-minute oral presentation.

In the allotted three minutes, students addressed the uses of modern technology in agriculture, such as devices that help track the eating habits of cattle, and the use of the Internet to obtain information on weather conditions and stock prices.

"It's hard to get up and talk in front of people, but they did a really nice job. I learned a lot of things I didn't know," said Lisa Rocca, a computer resource specialist in Information Resources, one of the judges of the oral presentations.

The other volunteers from Information Technology were Catherine Olvera, Mike Schiltz, and Steve Faith.

nology. Suter has long been involved in building collaborations between UC Davis and the Davis Community Network. She helped write the grant proposal, and now will work in a liaison role, facilitating the building of project teams and helping them work together.

The teams include high school students, police officers, parents, teachers, and community members such as the DCN Web team. The emphasis is on building community by strengthening cooperative relationships between these various individuals and institutions, Suter says.

"The focus of the project isn't crime or police. It's the community," says Suter. The program will create interactive Web functions, such as community discussion forums. Community members will be able to set up custom-designed Web pages with specialized resources, such as crime statistics that are regularly updated.

UC Davis graduate students in the Division of Education will develop software programs, such as tutorials, Internet games, and classroom materials, for use in Davis public schools. A cadre of graduate students will also serve as an evaluation team to determine the effectiveness of the program. Keith Prior, an Academic Coordinator with the Division of Education, will develop some curricular materials for the educational component of the grant and will assist in evaluating the overall project.

The program's goals include securing children safe access to information technologies; alleviating fear of the Internet and reducing Internet crime; strengthening community bonds; and enhancing cooperative problem solving. According to the philosophies of community policing, emphasis will be more on problem solving and prevention, and less on punishment, Suter says.

PROJECT UPDATE

Network 21

Funding Strategies Approved by Grey

On March 3, Provost and Executive Vice Chancellor Robert Grey made a final decision regarding Network 21 rates. Grey accepted the Network 21 Budget & Policy Oversight Committee's recommendation to implement a multi-part rate structure to fund Network 21's operation and maintenance costs. The full text of the Network 21 Budget & Policy Oversight Committee's report and Provost and Executive Vice Chancellor Robert Grey's response are on the Web at <http://net21.ucdavis.edu/>

Cutover Strategy

Network Administrators were brought up to date on the progress of the Network 21 cutover on Thursday, April 3, at a presentation in 198 Wellman. Doug Hartline, executive director of the Network 21 project, briefed the group on the status of the project, announced the availability of the TAG Team (Technical Assistance Group) through the Temp Pool, and answered questions. The campus cutover strategy outlined at the February 7 Network Administrator Briefing is currently on schedule. Phase 1 of cutover is in progress, with Information Tech-

nology assuming responsibility for project management and installation of 3Com electronics. The scope of the electronics portion of the project is now finalized. Departments should submit any changes or updates through the regular Communications Resources service order process.

The following is a review of the timetable for the phases of the campus cutover:

1) In Phase 1, buildings and routers connected to the existing campus network will be cut over to Network 21's fiber optic backbone by May 15. This will produce a more robust network backbone with the advantages of increased speeds (switched 10 or 100 MB/second). Connectivity will be provided to those users requiring immediate access to DaFIS by July 1. The building schedule for Phase 1 will be posted on the Web by mid-April at <http://net21.ucdavis.edu/>

2) In Phase 2, unconnected users will be connected. This phase of the cutover will be completed in two stages. First, users in buildings not connected to the existing campus network, but covered by Network 21, will be connected to the fiber optic backbone by July 1. Second, unconnected users in buildings that are connected to the existing campus network will be connected to the fiber optic backbone

on a rolling schedule, by October 15. Users who require immediate access to DaFIS will be connected by July 1.

The building schedule for Phase 2 will be posted on the Web by mid-May at <http://net21.ucdavis.edu/>

3) In Phase 3, the campus will cut over to Network 21's ATM electronics, and departmental networks will be cut over to the Network 21 infrastructure. Expected completion date for this phase of the project continues to be summer of 1998.

TAG Team Assistance Available

The Network 21 TAG Team is a group of recharge technicians that can be hired to perform standard desktop hardware and software changes required for the phases of Network 21 implementation. TAG Team technicians can help departments with desktop networking, including installation of 10BASE-T transceivers, installation and configuration of NICs (Network Interface Cards), configuration of control panels for networking, and other technical tasks. TAG Team technicians are available through the UC Davis Temporary Employment Pool. For rates, services, and contact information, see <http://net21.ucdavis.edu/TEPCRS.htm>

If you have questions about Network 21, send e-mail to net21info@ucdavis.edu.

Microsoft Grant Aids UC Davis Students

Political Science professor Geoffrey Wandesforde-Smith is beginning to feel less like a computer science instructor these days. Thanks to a gift from the Microsoft Corporation of 60 workstation licenses for FrontPage 97, he can spend less time teaching his students about Web site construction and more time on politics and law.

Students in Wandesforde-Smith's classes, which include Environmental Politics and International Law, work in groups on a range of research tasks, using both library and Web resources, and then create Web sites to display and publish their research and writing. "This is the modern equivalent of the traditional college term paper, because it combines the teaching of basic and time-honored scholarly skills with the cutting-edge technologies our students must know to be competitive and successful in today's world," says Wandesforde-Smith.

Until now, substantial class

time had been spent in computer labs, teaching students Web site construction and design, including



Students Jill Gonsalves and JoAnna Castillo learned HTML to create this home page for their Fall 1996 Environmental Politics class.

HTML (Hypertext Markup Language, a code used to create Web pages). But FrontPage 97 allows users to create Web pages with the point and click of a mouse. Students can create, edit, and publish complex and attractive Web pages after mastering just the fundamentals of HTML.

The new software came to Wandesforde-Smith and UC Davis from a competitive grants program through which Microsoft makes its products available to college teachers and students across the United States. The award is the first of its kind made by Microsoft to UC Davis, and breaks new ground for the company as well. Past awards have supported computer science and engineering but not the social sciences or humanities. With the new software installed in the 27 Olson and Surge IV computer labs, students of all majors will benefit when they use the labs on a drop-in basis.

Wandesforde-Smith sees the significance of this gift going beyond his own political science classes: "I hope it's the start of a broader and continuing link between Microsoft and UC Davis that works to the benefit of all our students. Microsoft sees UC Davis as a place where faculty and students together are doing innovative and worthwhile things with technology. I think that's a big step forward, for all of us."

At Home on the Web

UCD Financial Aid Office

<http://faoman.ucdavis.edu/>

Everything you need to know about financial aid for students attending UC Davis is presented here. The site informs us about the application process, scholarship information, student employment, and links to government loan providers.

Campus Recreation

<http://www-bookstore.ucdavis.edu/CR/recreation1.html>

Campus Recreation has a well-designed page where you can learn all about how to "get away from it all" without ever leaving the campus! The Craft Center, the Equestrian Center, Outdoor Adventures, the Rec Pool, and the M.U. Games Area all have a presence at this site. This site is your guide to adventure!

Science to the People

<http://www-anthro.ucdavis.edu/features/stp/>

Here's a site where UC Davis really gets to brag! It's a compilation of articles about research at UCD that have appeared in the Davis Enterprise, written by Kelly Stewart of the Anthropology Department to be easily understandable to the scientific layperson.

UC Davis Picnic Day

<http://asucl.ucdavis.edu/picnicday/>

Yes, Picnic Day now has its own home page! Come here for the schedule of events, as well as information on how you can get involved. Get the inside scoop online so you can plan your day ahead of time.

Spark

<http://www.english.ucdavis.edu/spark/default.html>

The English Department has created this wonderful online literary review, which contains fiction and poetry by students in the graduate Creative Writing Program. The premiere issue, online now, has a special feature by famed poet Gary Snyder.

Department of Geology

<http://www-geology.ucdavis.edu/>

UC Davis has one of the top 25 Geology programs in the nation, and you can learn much more about it at this departmental page. In addition to faculty and course listings, you can find the latest California earthquake information and reports on this year's dramatic floods. All this, and they have their own Picnic Day page too!

— Richard Darsie

Richard Darsie is Webmaster for I.T. Information and Events.

I.T. CALENDAR

APRIL 1997

MAY 1997

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
				Intro to Eudora		
13	14	15	16	17	18	19
	Intro to Excel	WWW Tables	MELVYL Searching	WWW Images	ActiveX Overview	
20	21	22	23	24	25	26
	Image Manipulation	Intermed. Database Design	MELVYL Searching	Mailing Lists		
27	28	29	30			
	Internet and WWW	WWW Frames	HTML Editors			

S	M	T	W	T	F	S
				1	2	3
				MacOS Modems		
4	5	6	7	8	9	10
	Intro to MS Word	Advanced MELVYL Searching	Voice Mail Training	WWW Publishing		
11	12	13	14	15	16	17
	Intro to Excel	Intermed. Pagemaker	Intro to Eudora	Windows95 Modems		
18	19	20	21	22	23	24
	Word Mail Merge	WWW Image Maps	Intermed. Eudora	WWW Images		
25	26	27	28	29	30	31
		Intermed. Excel	Intro to Netscape			

Editor's Note: If you wish to enroll in a class offered by Staff Development & Professional Services, you must complete an Application for Enrollment. Applications are in the Staff Development Catalog. To request an application, call 752-1766.

April

- 14 Introduction to Microsoft Excel:** Staff Development and Professional Services, (two-part class offered April 14 & 16), 1:30-4:30 p.m., 40 Mrak.
- Introduction to Microsoft Access Database Design:** Staff Development and Professional Services, (two-part class offered April 14 & 16), 8:30-11:30 a.m., 14 Hutchison.
- 15 Intermediate Microsoft Word:** Staff Development and Professional Services, (two-part class offered April 15 & 17), 1:30-4:30 p.m., 40 Mrak.
- Basic Melvyl Searching -** How to find books and journal articles and how and why searches work (hands on): Library Instruction Programs, 10 - 10:50 a.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- Information Provider Series - WWW Publishing: Working with Tables:** Information Technology, 8:30-11:30 a.m., 14 Hutchison; learnit@ucdavis.edu or 754-8091.
- 16 Voice Mail System Training -** Managing Your Voice Mail Box: Information Technology, 1:30-3 p.m., CR Customer Service Trailer, Tercero Hall Circle; 752-6888.
- Basic Melvyl Searching -** How to find books and journal articles and how and why searches work (hands on): Library Instruction Programs, 3:10-4 p.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- 17 Information Provider Series - WWW Publishing: Overview of Images:** Information Technology, 9-11 a.m., TBA; learnit@ucdavis.edu or 754-8091.
- CAIT Event: Software Management Server (SMS) -** Presentation of Microsoft's Systems Management Server (SMS) for Windows NT 4.0. Center for Advanced Information Technology, 11 a.m. - Noon, 165 Shields; advancedit@ucdavis.edu or phone 752-5711.
- 18 CAIT Event: ActiveX Overview -** Overview of ActiveX interactive Web site technology. Center for Advanced Information Technology, 10 - 11 a.m., 165 Shields; advancedit@ucdavis.edu or 752-5711.
- 21 Information Provider Series - WWW Publishing: Simple Image Manipulation Techniques:** Information Technology, 1:30 - 4:30 p.m., 40 Mrak; learnit@ucdavis.edu or 754-8091.
- 22 Intermediate Windows 95:** Staff Development and Professional Services, 8:30-11:30 a.m., 40 Mrak.

Intermediate Filemaker Pro Database Design: Staff Development and Professional Services, (two-part course offered April 22 & 24), 8:30-11:30, 14 Hutchison.

Intermediate Melvyl Searching - Lists, add-on, update, and more (hands on): Library Instruction Programs, 10 -10:50 a.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.

CAIT Event: Microsoft Exchange: Presentation of Microsoft Exchange, an e-mail/groupware server for Windows NT 4.0. Center for Advanced Information Technology, 165 Shields, 11 a.m. - Noon; advancedit@ucdavis.edu or 75 2-5711.

23 Intermediate Melvyl Searching - Lists, add-on, update, and more (hands on): Library Instruction Programs, 3:10 - 4 p.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.

24 The World of Electronic Mailing Lists: Staff Development and Professional Services, Noon-1 p.m., Cabernet Room, Silo.

28 The Internet and the World Wide Web - All about search engines (hands on): Library Instruction Programs, 3:10 - 4 p.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.

29 Introduction to Mac OS: Staff Development and Professional Services, (two-part class offered April 29 & May 1), 8:30-11:30, 40 Mrak.

Intermediate Microsoft Excel: Staff Development and Professional Services, (two-part class offered April 29 & May 1), 1:30-4:30, 40 Mrak.

Finding Journal Articles - CD-Rom databases and more: Library Instruction Programs, 10 - 10:50 a.m., 2nd Floor Instruction Room, Shields Library; LibraryClass@ucdavis.edu or 752-4381.

Information Provider Series - WWW Publishing: Working with Frames: Information Technology, 8:30 - 11:30 a.m., 14 Hutchison; learnit@ucdavis.edu or 754-8091.

30 Introduction to Netscape: Staff Development and Professional Services, 8:30-11:30 a.m., 40 Mrak.

Finding Journal Articles - CD-Rom databases and more: Library Instruction Programs, 3:10 - 4 p.m., 2nd Floor Instruction Room, Shields Library; LibraryClass@ucdavis.edu or 752-4381.

Information Provider Series - WWW Publishing: Converting and Repurposing Documents: Information Technology, 1 - 3 p.m., 1113 Academic Surge; learnit@ucdavis.edu or 754-8091.

Information Provider Series - WWW Publishing: Overview of HTML Editors: Information Technology, 3:30 - 5 p.m., 1113

Academic Surge; learnit@ucdavis.edu or 754-8091.

May

- 1 Internet via Modem: Mac OS:** Staff Development and Professional Services; Noon-1 p.m., Cabernet Room, Silo.
- 5 Introduction to Microsoft Word:** Staff Development and Professional Services, (two-part course offered May 5 & 7), 1:30-4:30 p.m., 40 Mrak.
- How I Gave Up My Daytimer:** Staff Development and Professional Services, Noon-1 p.m., Cabernet Room, Silo.
- Information Provider Series - Introduction to WWW Publishing:** Information Technology (two-part class offered May 5 & 7), 8:30 - 11:30 a.m., 14 Hutchison; learnit@ucdavis.edu or 754-8091.
- 6 Using a Microsoft Access Database:** Staff Development and Professional Services, 8:30-11:30 a.m., 14 Hutchison.
- Advanced Melvyl Searching** (hands on): Library Instruction Program, 10 - 10:50 a.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- Information Provider Series - WWW Publishing: Working with Tables:** Information Technology, 1:30 - 4:30 p.m., 40 Mrak; learnit@ucdavis.edu or 754-8091.
- 7 Voice Mail System Training -** Managing Your Voice Mail Box: Information Technology: 10:30 a.m. - Noon, CR Customer Service Trailer, Tercero Hall Circle; 752-6888.
- Advanced Melvyl Searching** (hands on): Library Instruction Program, 3:10 - 4 p.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- 8 Information Provider Series: WWW Publishing: Creating Effective Web Pages:** Information Technology, 2 - 4 p.m., 1113 Academic Surge; learnit@ucdavis.edu or 754-8091.
- 12 Telephone Features:** Information Technology, 10:00 a.m. - Noon, CR Customer Service Trailer, Tercero Hall Circle; 752-6888.
- Introduction to Microsoft Excel:** Staff Development and Professional Services, (two-part class offered May 12 & 14), 8:30-11:30, 14 Hutchison.
- 13 Intermediate PageMaker:** Staff Development and Professional Services, (two-part class offered May 13 & 15), 8:30-11:30, 14 Hutchison.
- The Internet and the World Wide Web -** All about using search engines (hands on): Library Instruction Programs, 10 - 10:50 a.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- 14 Introduction to Eudora:** Staff Development and Professional Services, 1:30 - 4:30 p.m., 40 Mrak.
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- 15 Internet via Modem - Windows 95:** Staff Development and Professional Services, Noon - 1 p.m., Cabernet Room, Silo.
- 19 Working with Microsoft Word Mail Merge:** Staff Development and Professional Services, 1:30-4:30 p.m., 40 Mrak.
- 20 Introduction to Filemaker Pro Database Design:** Staff Development and Professional Services (two-part class offered May 20 & 22), 8:30-11:30 a.m., 14 Hutchison.
- Personal Bibliographic Databases -** Programs to manage your libraries and reprints (hands on): Library Instruction Programs, 10 - 10:50 a.m., Microcomputer Room, 163 Shields; LibraryClass@ucdavis.edu or 752-4381.
- Information Provider Series - WWW Publishing: Creating Image Maps:** Information Technology, 1:30 - 3:30 p.m., 40 Mrak; learnit@ucdavis.edu or 754-8091.
- 21 Voice Mail System Training -** Managing Your Voice Mail Box: Information Technology: 1:30 - 3 p.m., CR Customer Service Trailer, Tercero Hall Circle; 752-6888.
- Intermediate Eudora:** Staff Development and Professional Services, 1:30 - 4:30 p.m., 40 Mrak.

Best wishes to Catherine Curran, former I.T. Times editor and now Public Relations Coordinator for the new Northern California Shriners Hospital in Sacramento.

I.T. TIMES

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