

Academic Computing Newsletter

SUNY BROCKPORT

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Mosaic

Mosaic is software that allows users to browse through information databases including audio, video, and images over the Internet using X-terminals, Macs or PCs. Mosaic was installed on the Mac Centris in the Mac lab, a limited number of PCs, the Sun, and the HP computer in Dailey Hall. If you would like to cruise the Internet using Mosaic, call Erik at ext. 2624 for a brief demonstration.

Borland's Educational Site License

Academic Computing Services has completed negotiations for the Borland Software Site License covering all campus-owned IBM compatible PCs. See page 8 for a detailed software listing including the manual prices. Software can be obtained from the User Services Coordinator by bringing necessary blank diskettes and completing the License Agreement Form.

Software Services for Students with Disabilities

The ACS Software Reference Library has a number of adaptive hardware and software packages.



They include: Write:OutLoud, Magic for PCs, and Speech Synthesizer for the Mac. If you need more information or would like to make arrangements to meet particular needs, please contact Reddy Anugu at ext. 2463.

Resource Utilization in Dailey

Academic Computing Services resources include staff, classroom labs, hardware ranging from PCs to mainframes, and software. All available resources in Dailey Hall are intensively used by the college community.

Incoming dial in calls to the Prime increased over last semester. Figure A. on page 2 illustrates the usage of Prime through dialup lines for the months of September, October, and November.

A gopher was set up on a trial basis to experiment with information delivery. A listserver is currently being started for educators interested in future of the Physical Education profession.

The SUN in the SHELL lab was used extensively by Dr. Kim's math class as well as computer and earth science students.

Plans are underway to network classrooms and provide greater accessibility to Internet. As always, your input and comments are valued and critical to our continued development. Please send email to STAFF or contact Mary Jo Orzech at ext. 2368.

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What is New Hardware/Software in Dailey?

New Hardware

Recently ACS has purchased a total of eight computers, six Macs and two 586's (Pentium). Four Mac Centris 610 are for classroom purposes and two Centris 660 AVs will be used for software evaluation purposes. The Pentium PCs will be used as network servers in the PC classrooms in Dailey.



MAC Centris 660AV

- System configuration:
- Mac Centris 660
 - 340 MB disk space
 - CD-ROM drive
 - 16" Apple Color Monitor
 - System 7.01 Operating System

Novell Lan Network

The twenty-eight PCs were networked in Room 205 Dailey Hall over semester break. As soon as the computer starts up, the following menu appears:

- A. WordPerfect 5.1 (DOS)
- B. MINITAB 8.21 (DOS)
- C. Derive (DOS)
- D. dBase IV 2.0 (DOS)
- E. Quattro Pro 5.0 (DOS)
- F. Paradox 3.5 (DOS)
- G. Lotus 123 Student 2.3 (DOS)
- H. dBase III Plus Demo 1.0 (DOS)
- I. Microsoft Works 1.05 (DOS)
- J. Microsoft Windows 3.1
- K. Utilities Menu (DOS)
- L. Exit to DOS Prompt

Choose the software you want by typing the letter A through L and press ENTER .

To return to the main menu, type menu at "c:\user>" prompt or start at "f:\student>" prompt.

Software Update

Borland Software is available for academic use at SUNY Brockport campus. See page 6 for details.

OS/2 2.0 was installed on one of the 486s in the Software Hardware Evaluation Lab (SHEL).

Hypercell, a Biology hypertext simulation package, was upgraded and is available in one of the PC classrooms. It is used in C. Lending's Biology classes.

PowerPoint is now available on one of the Macs in the SHEL lab. This software allows users to create overhead transparencies (color), and slide shows for the use in class presentations.

SUN Workstation

- System configuration:
- Sun Sparc-10
 - 1.2 GB disk space
 - CD-ROM
 - 16" Sun Color Monitor
 - Solaris 2.1 Operating System
- Available Software:
- Gnu C and C++ (compilers)
 - PV-Wave Command Language and
 - PV-Wave Maple (math).

Software Demos

Demodiskettes are available for evaluation purposes. The latest demos are as follows:

- Write:Outloud
- Systat (Mac, PC)
- Professional Draw

Videos

Macintosh and Windows 3.1 training videos are also available for check out if you are interested in learning Macs or Windows at your own pace. You can also watch these videos in the conference room during the regular hours (M-F 9:00 A.M. - 5:00 P.M.).

CDs for Mac

There are some interesting new educational CDs available for evaluation and testing purposes. You can come and explore the CDs on Mac.

Surplus Equipment

Just a reminder from AV/Technical Services. If your office has "old", "outdated", or "unusable" PC or printer equipment that is not being used, it should be transferred to AV/Technical Services to be used as spare parts and/or for repairs on older model equipment.

Continued from page 1.

Dial in calls, Fall 1993

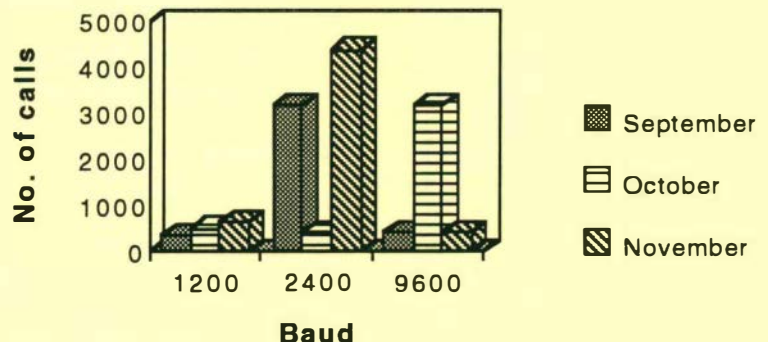


Figure A. Number of dial in calls to Brockport computers Fall, 1993

Workshops!

Academic Computing Services is conducting a series of introductory and advanced computer classes beginning January 24 through February 4, 1994, for faculty, staff, and students. Some of the workshops will be conducted by Library and Administrative Computing staff. The classes will be held in Dailey Computer Center.

Most of the workshops are intended for beginners and will run from sixty to ninety minutes. Take advantage of the opportunity to attend a seminar early in the semester.

A valid computer account is required for IBM mainframe, PRIME and UNIX sessions. For a detailed workshop listing, see page 6.

Computer literacy Courses

BOCES is offering introductory computer courses such as Introduction to DOS, Microsoft Windows 3.1, Microsoft Word, Lotus 1-2-3, WordPerfect 5.1, Aldus PageMaker, etc. starting from January 24, 1994. Most of these courses are in the evening and meet once a week for nine weeks. If you are interested in enrolling in one of these classes, call 352-2765.

Successful Internet Workshop

Jim Gerland's Internet Workshop hosted by the ACS on October 5, had a significant impact on our campus. Two overflow classes attended the half day workshops which were sponsored by the Traveling Scholar Program of SUNY FACT.

Software Survey update

In September 1993, ACS developed an assessment tool to evaluate the software needs of the faculty and staff. ACS distributed the Software Survey form to faculty and staff along with the newsletter. In the future we plan to have an on-

ACS Professional Staff Portfolio

Director: Mary Jo Orzech

Office: 217 Dailey, Phone: 395-2368

Manages ACS personnel, budget, equipment, software acquisitions and the Dailey Hall building. Serves on the Academic Computing Advisory committee.

Lab Coordinator: Anne Parsons

Office: 204 Dailey, Phone: 395-5470

Manages computer labs and is responsible for hiring, scheduling and training student assistants. Contact her to schedule teaching labs or to request student assisted support for software applications and assignments.

User Services Coordinator: Reddy Anugu

Office: 207 Dailey, Phone: 395-2463

Works with faculty/staff in the use of the various computer systems supported by ACS, including the Prime, PCs, Macs and Sun. Contact him if you are a new user or need help with a particular piece of software.

Systems Programmer: Erik Seielstad

Office: 208 Dailey, Phone: 395-2624

Maintains systems software, including MAIL, FTP, and TELNET. Contact him if you have trouble with MAIL or need help with INTERNET.

Systems/Network Manager: Brian Volkmar

Office: 127 Dailey, Phone: 395-2417

Maintains systems hardware and network connections within ACS including systems backups. Contact him if you have any questions regarding the Prime system.

line software support/training request procedure for the academic community.

The results of the first Software Survey on needs assessment for faculty/staff were useful. Several faculty and staff members requested software training and support. The majority of those training requests have been fulfilled on an individual basis by the User Services Coordinator (USC). If you need software support, please call ACS at ext. 2463.

Figure 1. illustrates the areas of software training or support requested by the faculty and staff for the fall of 1993.

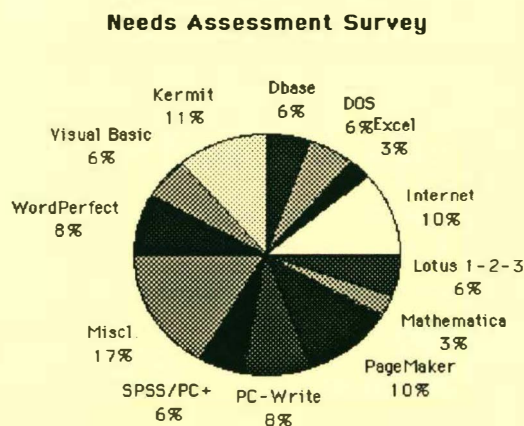


Figure 1.

Calendar of Events

February 16 (8:00 am - 12:00 noon)
Microsoft Windows 3.1

Microsoft Windows 3.1 learning system on video tape will be offered in room 205 Dailey. This hands-on learning system was produced by PBS - Adult Learning Satellite Service. Contact Olive Heffron in Personnel at x-2126. Class maximum size is 28. Call early.

March 5-6
Building the Virtual SUNY Campus: Instructional Technology Links The Two-Year and Four-Year Campus

Hudson Valley Community College & SUNY Albany jointly hosts the conference on Building the Virtual SUNY Campus. Contact Dr. Rick Anderson at (518) 270-7291 for more information.

April 6
Scholars Day 1994

SUNY Brockport's annual Scholars Day is Wednesday, April 6, 1994. Faculty, staff, and students are encouraged to attend. For details call C. Donaldson at ext. 5118.

April 29-30
Using Animated Dissection of Anatomy for Medicine (A.D.A.M.) Software to Author Medical Curriculum

SUNY Buffalo School of Medicine and Biomedical Sciences hosts this free workshop on animated dissection of anatomy for medicine. Contact Debra at (716) 741-9655 for more information.

June 1-3
New Faculty Roles in New Learning Environments

The Annual Conference on Instructional Technologies will be held at SUNY, Albany campus. State wide SUNY faculty and instructional support pro-

fessionals are invited. For details call Paul Kramer at (516) 271-8311.

June 23-25
Building Bridges From Innovation to Change

The Fifth National Conference on Problem Solving and Critical Thinking will be held at Hobart & William Smith College, Geneva, New York. For details call Martin Rosenzweig at (401) 232-6187.

Data Analysis Lab

ACS has moved all the computers from DAL. They are now housed on the second floor, Dailey Hall. ACS staff will provide SPSS/PC+ software assistance (syntax & getting started) to users.

A special note of appreciation goes to Dr. Fred Halley (Sociology faculty) for many years of dedication and commitment to the Data Analysis Lab.



Campus Technology Development Projects for SUNY system.

SUNY Central has approved a total of fourteen projects for 1993-94 under the Campus Technology Development Program. SUNY Brockport is fortunate to have received two from the fourteen selected for funding. One is for a Distance Learning project and the other is for a Library Information Services project.

The Distance Learning Project at SUNY Brockport will develop college courses for high school students, place bound adults, and practicing K-12 teachers for dissemination through the Rochester Area Interactive Television Network (RAITN), which connects K-12, BOCES, cable TV, and higher education institution in the Rochester area.

The Library Information Services Project will test "Toward a Collaborative Information Environment"- A Joint Data Base Access Project, to provide access for eight libraries including Brockport, to a broad selection of Wilson databases.



Dr. Christine E. Haile, Assoc. Vice Chancellor for Technology Services, SUNY Central Administration, and Raj Madan, Dean Academic Information Services, visit Dailey Hall Fall '93.

Hardware/Software Guidelines

To provide more consistent responses to frequently asked questions, representatives of AV/Technical Services, Academic Computing Services, Document Preparation and the Personnel Office have combined information to produce the first BROCKPORT CAMPUS-WIDE COMPUTER USERS INFORMATION SHEET.

Note that these recommendations are prefaced by the words "current" and "suggested" for new purchases. This information may be useful as a guide for individual or school acquisitions. Specifications change quickly; these general guidelines are not meant to be "forever".

There are currently offered discounts on Zenith and Apple hardware for individual purchases. The individual purchase program is handled through AV/Tech Services.

What if I have something different computer?

Don't worry. The most important advice is, "Does the equipment you have help you get your work done?" If you are productive with what you have, it is reliable, and works for you, use it.

What are the current suggested minimum specifications for new IBM-compatible PCs?

CPU:	486 SX or DX (w/chip upgrade option)
Processing speed:	33 Megahertz (minimum)
Memory:	4 Megabytes (minimum, 8 preferred)
Hard drive size:	170 Megabytes (minimum)
Floppy Drive:	3.5" 1.44 mb floppy drive
Ports:	2 serial, 1 parallel
Monitor:	14" SVGA non-interlace color
Keyboard:	101-key keyboard
Open slots:	4-5 open ISA slots

Extras/Options:

- 8 -16 MB RAM
- 5.25" 1.2MB floppy drive
- 14" or 17" VGA non-interlace FTM color monitor
- 245/340/510 MB hard drive
- 512K video memory upgrade for SVGA
- CD-ROM drive

What are the current suggested minimum specifications for Macintosh equipment?

Model:	Quadra 610 with FPU (or better)
CPU:	68040
Processing speed:	25 MZ

Hard drive size:	160 Megabytes (minimum)
Memory:	4 MB (Minimum)
Monitor:	14" RGB color w Trinitron tube
Keyboard:	Apple extended keyboard II

What is the current recommended minimum specification for laser printers?

300 dpi, 4 Megabytes of memory

What is the current recommended specification for modems?

9600 Baud, Hayes compatible

What are the current recommended operating systems?

For IBM-compatibles DOS 6.2

For Macintosh System 7.1

What is the currently suggested version of Windows?

v.3.1. If you are running Windows 3.1, you may wish to consider the following bundled software suites. They typically consist of a word processor, spreadsheet, database, graphics or other programs:

- Microsoft Office
- Lotus SmartSuite

What do you suggest for wordprocessing software?

WordPerfect 5.1 for DOS (Newer versions are available but won't run on older PC's)

Regarding WordPerfect, the following is quoted from "WordPerfect Magazine" (Nov, 1993). "If 90 percent of your time is spent typing and formatting text, WordPerfect 5.1 will suit your needs for years to come. If you have older computer equipment (anything less than a 386-based PC and at least 4MB of RAM), you might just as well stick with 5.1. Neither WordPerfect 6.0 (DOS) or 6.0 (Windows) will run at any reasonable speed on old, slow machines." WordPerfect 6.0 takes up 16 MB of hard drive space and needs at least 4 MB RAM. If users have not mastered 5.1, they may encounter difficulties with 6.0.

What is suggested for spreadsheet programs?

For IBM-compatibles: Lotus 123 Quattro Pro*
For Macintosh: Excel MS Works

What is suggested for data base software?

For IBM-compatibles: dBase IV* Paradox*
For Macintosh: MSWorks

* indicates campus site-licensed software that can be obtained from ACS for college-owned computers.

ACS Workshops Schedule in Dailey Hall

(January 24 - February 4, 1994)

Basic Uses of MS-DOS

By Anne Parsons - Room Number 202

Jan 24 Mon 10:45 - 11:45 am

Introduction to Microsoft Windows 3.1

By ACS Staff - Room Number 205

Feb 27 Thu 1:00 - 2:00 pm

Introduction to UNIX

By Reddy Anugu - Room Number 211

Feb 1 Tue 2:30 - 3:30 pm

Feb 3 Thu 3:00 - 4:00 pm

WordPerfect 5.1 for New Users (DOS)

By ACS Staff - Room Number 202

Jan 24 Mon 12:00 - 1:00 pm

Jan 24 Mon 5:00 - 6:00 pm

Jan 25 Tue 8:30 - 9:30 am

Jan 31 Mon 10:45 - 11:45 am

Feb 2 Wed 5:00 - 6:00 pm

Advanced WordPerfect 5.1 (DOS)*

By Reddy Anugu - Room Number 202

Jan 26 Wed 12:00 - 1:00 pm

Making the Most of Macintosh

By ACS Staff - Room Number 212

Jan 26 Wed 1:15 - 2:15 pm

Feb 1 Tue 9:30 - 10:30 am

Introduction to Kermit on PC

By Erik Seielstad - Room Number 213

Feb 1 Tue 12:00 - 1:00 pm

Introduction to Kermit on MAC

By Erik Seielstad - Room Number 212

Feb 3 Thu 12:00 - 1:00 pm

Introduction to dBase IV (DOS)

By Reddy Anugu - Room Number 205

Feb 2 Wed 10:45 - 11:45 am

Introduction to Lotus 1-2-3 (DOS)

By ACS Staff - Room Number 205

Jan 27 Thu 10:00 - 11:00 am

Introduction to Quattro Pro (DOS)

By ACS Staff - Room Number 205

Jan 28 Fri 10:45 - 11:45 am

Introduction: Using the PRIME

By ACS Staff - Room Number 213

Jan 24 Mon 3:45 - 4:45 pm

Jan 25 Tue 12:00 - 1:00 pm

Jan 25 Tue 6:00 - 7:00 pm

Getting Around the Internet

By Erik Seielstad - Room Number 213

Jan 26 Wed 9:30 - 10:30 am

Feb 2 Wed 1:15 - 2:15 pm

Introduction to SPSS on PRIME

By Mary Jo Orzech - Room Number 213

Jan 26 Wed 10:45 - 11:45 am

Jan 27 Thu 2:30 - 3:30 pm

Introduction to Minitab on PRIME

By Mary Jo Orzech - Room Number 213

Feb 1 Tue 1:00 - 2:00 pm

Introduction to SPSS on PC

By Reddy Anugu - Room Number 205

Jan 28 Fri 1:15 - 2:15 pm

Jan 31 Mon 3:45 - 4:45 pm

Library sponsored workshops:

Introduction to CARL Uncover

By Greg Toth - Room Number 213

Jan 28 Fri 3:00 - 4:00 pm

Introduction to Internet

By M. Gigliotti - Room Number 213

Feb 3 Thu 2:00 - 3:00 pm

Introduction: National Trade Data Bank (NTDB)

By Betty Chan - Room Number 213

Feb 4 Fri 10:00 - 11:00 pm

*Administrative Computing Sponsored Workshops:

Introduction: Using the IBM

By Staff - Room Number 213

Jan 24 Mon 9:00 - 10:30 am

Jan 31 Mon 9:00 - 10:30 am

Basic E-mail on IBM Mainframe

By Staff - Room Number 213

Jan 24 Mon 10:30 - 12:00 noon

Jan 31 Mon 10:30 - 12:00 noon

Eagle on IBM Mainframe

By Staff - Room Number 213

Jan 25 Tue 9:00 - 10:00 am

Feb 1 Tue 9:00 - 10:00 am

Internet/Gopher - IBM Mainframe

By Staff - Room Number 213

Jan 25 Tue 10:00 - 11:00 am

Feb 1 Tue 10:00 - 11:00 am

*For faculty and staff Only. Call ext. 2385 for registration.

Random Distributions*

Punishing Statistics

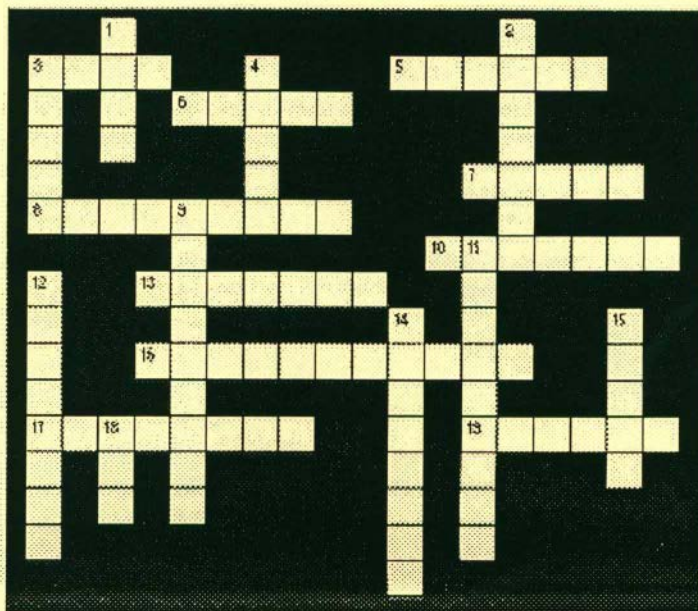
Give your right hemisphere a workout with this crossword puzzle of skewed MINITAB definitions. Each of the clues is a play on-words or pun (some of them groaners) that can be answered with a MINITAB command (no subcommands) from Release 7 or later (the sole exception being 8-Across, a general statistical term and pun we could not resist). For example "Golfing equipment that prevents bogeys" could be translated as PARPRODUCTS (We warned you). Our advice? Keep your MINITAB quick reference card handy to remind you of commands.

ACROSS

- 3. Get one at the beach
- 5. Continental _____
- 6. Place where you shop
- 7. _____ Ho!
- 8. Current U.S Vice-President's musical beat
- 10. Opposed to woods
- 13. Organized trip for prisoners
- 16. Happiness about reaching the center of an apple
- 17. De person who does de writing
- 19. Unmarried Registered Nurse

DOWN

- 1. Smells awful
- 2. WWII Soldier map
- 3. One solar explosion
- 4. Dracula's title
- 9. Message from vegetable
- 11. Diary is missing
- 12. Emancipated male
- 14. Walking intelligently
- 15. Which is better, Earl Grey or Darjeeling?
- 18. _____ of the times



Answers to "Punishing Statistics"

ACROSS

- 3. BEACH
- 5. CONTINENTAL
- 6. STORE
- 7. TALLY
- 8. ALGORITHM
- 10. ANTILOG
- 13. CORRELATION
- 16. STORE
- 17. DESCRIBE
- 19. RNMIS

DOWN

- 1. RANK
- 2. GICHART
- 3. ANOVA
- 4. COUNT
- 9. ROOTOGRAM
- 11. NOJOURNAL
- 12. FRIEDMAN
- 14. STEPWISE
- 15. TEST
- 18. SIN

*This PUNishing puzzle appeared in MUG newsletter, issue No. 17, October, 1993. This crossword puzzle has been reprinted with permission from the Mug editor.

DID YOU KNOW?

- Faculty can send e-mail listing their government publications requests to:
BCHAN@ACSPRI.ACS.BROCKPORT.EDU
The Government Document Unit of Drake Library will keep a profile of interests and notify faculty as new government publications are received.
- Students can get "Ask the Advisor" to electronically by sending e-mail on the Prime for general questions on transcripts, graduation requirements, etc. Questions will normally be answered in 48 hours. To send, type mail and follow the menu.

Software from BORLAND for PCs

Software	Sys.	Category	Diskettes (3.5")	Manual Price
C++ (3.1)	DOS	Programming	HD - 6 (13)	\$50.00
C++ Appl. Frame Works	DOS	Programming	HD - 7	\$75.00
dBase Compiler	DOS	Dbase prg.	LD - 3	\$15.00
dBase III plus	DOS	Database	LD - 4	\$35.00
dBase IV (Ver. 1.5)	DOS	Database	LD - 5	\$40.00
dBase IV (Ver. 2.0)	DOS	Database	LD - 5	\$40.00
Productivity Pack (Ver. 2.0)	DOS	Database	LD - 3	
Paradox (Ver. 4.5)	DOS	Database	LD - 2	\$40.00
Paradox Engine & DBF	DOS	Database	LD - 2	\$18.00
Pascal (Ver. 7.0)	DOS	Programming	LD - 4	\$40.00
Pascal with Objects	DOS	Programming	HD - 11	\$50.00
Quattro Pro (Ver. 5.0)	DOS	Spreadsheet	HD - 2	\$25.00
Reflex (Ver. 2.0)	DOS	Utilities	LD - 3	\$20.00
SideKick (Ver. 2.0)	DOS	Utilities	LD - 3	\$10.00
Sprint (Ver. 1.0)	DOS	Wordprocessor	LD - 6	\$25.00
SuperKey (Ver 1.0)	DOS	Utilities	LD - 1	\$10.00
Turbo C++ (Ver. 3.1)	DOS	Programming	LD - 3	\$15.00
Turbo Pascal (Ver 7.0)	DOS	Programming	LD - 4	\$20.00
Brief (Ver 3.1)	OS/2	Utilities	LD - 2	\$20.00
C++ (Ver 3.1)	OS/2	Programming	HD - 7	\$50.00
ObjectVision (Ver. 2.1)	OS/2	Programming	HD - 3	\$25.00
C++ Appl. FrameWorks.	Wind	Programming	HD - 7	\$75.00
ObjectVision (Ver. 2.1)	Wind	Programming	HD - 4	\$50.00
Paradox Workgroup ed.	Wind	Database	LD - 2	\$40.00
Quattro Pro Workgroup ed.(5.0)	Wind	Spreadsheet	HD - 6	\$25.00
SQL Link (Ver. 3.3)	Wind	Database Prg.	HD - 3	\$15.00
Turbo Pascal 1.5	Wind	Programming	LD - 9	\$30.00
Turbo C++ Visual Ed. (Ver. 3.1)	Wind	Programming	LD - 3	\$15.00
Paradox Engine	Wind	Database	HD - 2	

HD = High Density 3.5" diskettes; LD = Low Density 3.5" diskettes; Wind = Windows.

General Information

Prime Status Line

24 hours 395-2390

DIAL Access Phones

1200 baud 637-2181 or 395-2181

2400 baud 637-2191 or 395-2191

9600 baud 637-2180 or 395-2180

Fax Line

24 hours 395-2399

Technology Support Line

Helpline 395-2121

ACS Hours

Mon - Thu 8:00 am - 11:00 pm

Friday 8:00 am - 9:00 pm

Saturday 1:00 pm - 9:00 pm

Sunday 1:00 pm - 11:00 pm

The above hours subject to change.

NOTE: Academic Computing Newsletter is published twice a year (fall and spring) on a regular schedule by Academic Computing Services, State University of New York, College at Brockport. Contributions and suggestions in any form (Voice, Fax, Mail, or E-mail) from readers are welcome and should be addressed to User Services Coordinator, Academic Computing Services, Dailey Hall.

Academic Computing Services
Dailey Hall, SUNY Brockport
350 New Campus Drive
Brockport, NY 14420-2982

.....
Fold and Tape

Send the completed survey form to the below address

**User Services Coordinator
Academic Computing Services, Dailey Hall
SUNY College at Brockport
350 New Campus Drive
Brockport, NY 14420-2982**