VAX HOTLINE

New VAX User's Guide Arrives

The official first edition of the U of O's *VAX 8800 User's Guide* hit the stands in late June. This edition includes all the latest VAX developments through July 1. The *User's Guide* introduces the VAX system, its VMS operating system, and accompanying software, as they are implemented at the U of O.

Copies of the new user's guide are available for checkout or sale ($5) in the Computing Center Documents Room (205). If you purchased a preliminary edition, you may exchange it for a copy of the new edition.

More Mag Tape Procedures Set

Labeling Tapes

VAX users wishing to label their magnetic tapes with ANSI labels may take advantage of the recently-installed LABEL routine. LABEL initializes magnetic tapes with an ANSI-standard volume label written at a density of 6250 bpi. To label a tape, type

$ label *reelid code volid* [mount logical name]

Replace *reelid* with the external identification used by the operator to locate the tape, *code* with the account number under which the tape was rented, and *volid* with the 1-6 character i.d. you wish written in the label. The optional MOUNT parameter indicates that the tape should be mounted after initialization. If you include MOUNT, also include a logical name to be assigned to the drive when the tape is mounted.

For further details on the LABEL routine, type

$ label ?

to display the LABEL command format and a brief description of each parameter.

Requesting Multiple-Volume Tape Mounts

VMS allows users to request multiple-volume tape mounts with a single command:

$ mount mu: *volid1,volid2,... logical _name*

This notifies the operator to mount a second tape once the first tape reaches the end-of-volume mark.

If a tape's internal volume label differs from its external reel-id, you must include a COMMENT qualifier identifying the reel-ids:

$ mount mu: *volid1,volid2,...logical_ name*/com="*reelid1, reelid2...*"

A request to write-enable the first volume in a multiple-mount command also applies to the other volumes.

ZETA 8 Plotter Ready to Use

The DEC 1091's ZETA 8 plotter was moved to the VAX system in late June, on a test basis. At the present time, two programs, DISSPLA and SAS/GRAPH, are capable of producing output for the plotter. FORTRAN-callable plot routines (AXIS, PLOT, SCALE, etc.) are now available as part of the Fundamental Plotting Subroutines library (FPS). See the FPS Programmer's Guide in the Documents Room for detailed usage information.

For information on directing output files to the plotter, type

$ plot ?

at VMS's $ prompt.

Summer Mac Orientations Begin

U of O faculty, staff, and students interested in an introductory look at the Apple Macintosh can attend one of the free, hands-on orientation sessions scheduled for Summer Term.

These sessions introduce basic Mac operations that will enable you to use any Mac software. Classes are geared to those with little or no experience with the Macintosh.

Sessions will be held on alternate Wednesdays, from 2 pm to 3:30 pm, beginning June 29 in Room 175 of the Computing Center:

- Wednesday, June 29 2 - 3:30 pm   Room 175
- Wednesday, July 13 2 - 3:30 pm   Room 175
- Wednesday, July 27 2 - 3:30 pm   Room 175

Pre-registration is not required; classes will be filled on a first-come, first-served basis.

Micro Lab Offers One-Stop Shopping

As of July 1, all orders for microcomputers sold through the U of O's discount Microcomputer Purchase Plan will be handled by the Computing Center's Microcomputer Support Lab (Room 202, x4402). Purchasers need no longer complete their Apple transactions at the U of O Bookstore, but may complete paperwork for all equipment orders in one location.

The Microcomputer Support Lab is open from 9 am - 5 pm Monday through Friday. It features demonstration models of Apple Macintosh, IBM, and Zenith microcomputer products, as well as a variety of software. The Center's microcomputer support staff is available to assist with questions about available equipment and ordering procedures.

U of O students, faculty, and staff who meet certain basic eligibility requirements may take advantage of the discount prices offered through the Purchase Plan. Many students who are enrolled at the U of O during Summer Term are eligible.

For further information about these requirements, or to obtain current price lists and order forms, drop by the Support Lab, which is located on the second floor of the Computing Center in Room 202. Price lists are also available at the Bookstore's Electronics Department and EMU Shoppe, and in the Computing Center's Documents Room (205).

STAT CORNER

More Stat Packages Ready to Use

The VAX and VMS now support a complete set of packages for statistical and analytical research, including SAS, SPSSx, BMDP, IMSL, SCA, and MINITAB.

LINDO is also available for solving systems of linear equations, and DISSPLA and SAS/GRAPH may be used with the ZETA 8 plotter to create graphs and charts.

Latest Version of BMDP Arrives

The 1988 version of the BMDP statistical software is now installed on the VAX. Invoke the package using the same BMDP command you used with the earlier version:

$ bmdp

BMDP5V, a new procedure in the 1988 version, fits models to incomplete or unbalanced repeated measures data, using maximum-likelihood or restricted maximum-likelihood approaches. In addition to performing both univariate and multivariate designs, BMDP5V also contains a correspondence-analysis procedure (CA) that visually interprets two-way frequency tables. (Correspondence analysis is an exploratory multivariate technique for discrete data similar to principal components analysis for continuous data.)

Statistical Consulting Available

Statistical consultants are available to answer questions and assist with problems from 10 am - noon and 1 pm - 4 pm in the Computing Center Consulting Office (Room 207, x 4402). You may also forward your questions via the online consulting service (send mail to **consult@oregon**).

Summer Building Hours

The Facilities Manager has announced Computing Center building hours for Summer Term:

Monday - Friday	7:30 am - 11:45 pm
Saturday	9:00 am - 5:00 pm
Sunday	4:00 pm - 11:45 pm

VAX and IBM System Schedules

During certain periods, the VAX and IBM systems run without operator coverage. No tape mounting, printing, or other operator assistance is available during these hours. The summer staffing schedule looks like this:

Full Operator Coverage:

Monday - Friday	8:00 am - 11:30 pm
Sunday	4:00 pm - 11:30 pm

Unstaffed Hours:

Monday - Friday	12:01 am - 8:00 am 11:30 pm - Midnight
Saturday	All day (12:01 am-Midnight)
Sunday	12:01 am - 4:00 pm 11:30 pm - Midnight

Occasional Changes

The Center's normal computing schedule is sometimes altered to accommodate system software maintenance. At least one day's advance notice of a schedule change is posted online in VAX or CMS system notices.

Monday-Friday, from 6 to 8 am, and unstaffed weekend hours are the periods normally set aside for maintenance.