

READ THIS!: Information and Use Agreement for Student Users

The following information is for all student users of the Mathematics Department Microcomputer Lab. Included are policies related to use of the lab that each user of the lab implicitly agrees to by their use of the lab.

Lab Policy/Information

- 0. The use of the lab is generally restricted to students who are enrolled in designated mathematics courses. Designated mathematics courses include scientific calculus and "above". Questions regarding access to the lab should be directed to your mathematics instructor, or to Phil Novinger (212 Love).
- 1. NO SMOKING, FOOD, or DRINK is allowed in the lab at any time.
- 2. Lab hours for each semester are posted prominently around the lab and the Love Building.
- 3. Please help to keep the lab clean by picking up after yourself. Treat the equipment as if it were your own (or better). The printer is a particularly sensitive device and you should receive instructions from the lab attendant before using it the first time. The printer is reasonably sophisticated and does a very nice job if operated properly. In particular, heed the instructions regarding advancing the paper to the tear-off bar, as much paper can be conserved by doing this properly.
- 4. Report any hardware or software problems to the attendant on duty in the lab, or contact Phil Novinger in 212 Love (or at 644-8711).
- 5. The menu on the PC's indicate most of the available software on the machines. Each Zenith 286 is equipped with a 20 Mbyte hard disk, numeric coprocessor, and EGA or VGA. DO NOT leave your files on the hard disk, for this both clutters the disk and subjects them (i.e. your files) to almost certain deletion. Users are expected to respect the copyright laws applicable to each piece of software. In most cases, documentation is available in the lab for the various software packages; obviously, none of the documentation is to be removed from the lab for any purpose.
- 6. At the present time, paper for the printer is being furnished but if an excessive amount is required for a job, more than a few pages, then students are asked to provide their own. The printer is to be used only for purposes that are directly related to one's mathematics course work. Once again, ASK the attendant on duty about the printer if you have any questions.

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 \* It is the policy of Florida State University to honor protections \*  
 \* given to software firms (owners of the software) by United States \*  
 \* copyright laws. Thus it is illegal for faculty, staff, or students \*  
 \* to copy the software in this lab or to duplicate its concomitant \*  
 \* documentation without appropriate permission. Use of this lab by an \*  
 \* individual implies agreement to respect this policy and the above \*  
 \* stated rules 0-6. Software piracy herein is absolutely forbidden. \*  
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GENERAL INFORMATION SHEET FOR THE MATHEMATICS DEPARTMENT PC LAB

I. LOCATION: Room 003 Love Building (MathNet)

II. HOURS OF OPERATION TBA

III. START-UP PROCEDURE:

- (1) If it is necessary to turn on the monitor, push in the power switch on the front of the monitor, or turn on the switch located on its right side or right rear.
- (2) If it is necessary to turn on the computer, the ON/OFF switch is located on either the right side or right side of the back panel.
- (3) Assuming that Mathematics Department Microcomputer Lab Menu is on the screen, you are asked to "Select an option". Enter the appropriate letter (for example, b or B for MicroCalc) and press 'enter'.

IV. PRINTING THE SCREEN(Screen Dumps):

NOTE!: FOR YOUR FIRST SCREEN PRINTOUT (AND PERHAPS YOUR SECOND ONE TOO) GET HELP FROM A MATH PC LAB STAFFER.

- (1) Check that the printer is on (if not, use the ON/OFF switch on the right side), the SELECT light is on (if not, press SELECT), and the paper is properly lined up (if you're not sure, get help).
- (2) On your keyboard press the Print Screen key, then go to the printer. Do not provide further keyboard input until after your screen has been printed, for otherwise you may lock up your computer.

To obtain the printed copy of your output you will advance the printer paper to the end of the sheet as follows. Please follow this procedure:

- (a) turn off the SELECT option,
- (b) press and hold the FEED option button for a couple of seconds or until the paper begins to advance toward the perforation at the end of the sheet,
- (c) when the paper feed stops, press the SELECT button so that the select light comes back on,
- (d) pull the front lever on the right side of the printer towards you, the paper will advance to the tear-off position. Tear off your page and then immediately return the lever to its original (aft) position. No further action is necessary on your part as the printer will then automatically reset to the proper initial configuration for the next user.

If the above procedure does not work for you, consult the lab attendant on duty, for the printer probably needs to be reconfigured.

- (4) Do NOT turn off the printer.

MEMORANDUM

Date: May 6, 1992

To: Mathematics faculty and graduate students

From: Phil Novinger *pn*

Subject: Mathematics Department PC Lab, 003 Love(MathNet)

The Mathematics Department PC Lab will open for the summer terms on Monday, May 11. The hours have not yet been set, but the lab will be open a total of 37 hours per week. The exact hours of operation for the summer semesters 1992 will be available next week and will be posted around the Love building.

The eight PC's in (outer) 003 are equipped with the following software packages. Some of them support additional software.

- A. Derive, MicroCalc, and Fields and Operators: these are primarily calculus oriented,
- B. Microsoft FORTRAN, and Turbo Pascal 4.2: each is a programming environment,
- C. f(z), True BASIC Discrete Math, PC-MATLAB: Packages for complex variables, discrete math, and linear algebra/numerical analysis/signal processing/graphics, respectively.

Each of the above PC's is attached to a dot matrix that allows, in addition to the printing of ascii files, screen dumps of graphics output.

There are two additional PC's, located in the adjoining room. One is connected to the network and is available for logging onto gauss, primarily. In addition to its hard disk, it is equipped with both 5.25" and 3.5" floppy drives for various types of file transfers. The other machine is a Zenith 386 and includes Mathematica amongst its loaded software.

I am including a general information sheet for the lab, a list of rules and regulations, and for those of you who are teaching a section of calculus this summer, some possible computer oriented projects for you to use in whatever way you choose. Each calculus package begins with a graphing project that is appropriate for anyone who has never used our software package, MicroCalc, be it Calculus I,II, or III.

If you have questions, please contact me, or in my absence, see or leave a note with Randy Dean.