

CALIFORNIA STATE UNIVERSITY, SACRAMENTO
Department of Management Information Science

Internal Hard Drive Loan

The MIS department has a limited number of internal hard drives with Personal Oracle8i, Developer, Discoverer, Designer, AIMMS, Visual BASIC and C++, and Microsoft Office '97 loaded in a Windows 98 environment. They are available for students to borrow over the semester (students MUST be enrolled in the class per the Registrar's Office) with a \$100 deposit (checks only¹). The student assumes all responsibilities for setting up the hard drive on his/her computer system, and its care. Before requesting a drive, please read the following paragraphs. You will need to submit a signed copy of this document.

Note. All hard drives must be returned in working condition within a week of the semester's end (i.e., last day of final exams). The MIS department will notify the Registrar's Office to place a hold on the transcripts of delinquent students until the hard drive is returned or payment for a replacement is received; the University will bill you for its purchased price, NOT the replacement price.

Internal Drives

The hard drive plugs directly into your system as the c: drive, and runs Windows 98. Because these are 6.4 and 8.6 GB IDE drives, they will NOT work with older Pentiums (i.e., lower than MMX, Pentium Pro or II) due to their BIOS². Also, certain makes, such as Compaq, Hewlett-Packard and Packard Bell, may require you to initially boot from a system diskette (see "Boot Failure").

Initial Installation

Before you begin, disconnect your power cord from your computer! Use a ground strap to prevent static electricity from damaging your components.

Remove the case of your computer, and unplug your current (c: drive) hard drive's cable and power supply (from the back of the hard drive). Plug these into the new drive, positioning the cable's red stripe on the side of the power supply. Power up your computer. If auto-detect has not been set to on, you will have to go into SETUP and enter the new hard drives settings (or set the drive type to auto-detect). Because Windows 98 was set up under a different system configuration, it may take a few moments to reconfigure it to your system's devices. You may need to install the drivers for devices (e.g., CDROM, Zip drive, etc.) that Windows 98 does not recognize. All CAB files from the installation CD have been copied to the Win98 directory.

Be PATIENT when booting the hard drive for the first time. Depending on the speed of your system, it may take anywhere between 3 to 10 minutes for Windows to install its drivers and reconfigure itself.

¹All checks will be held (i.e., not cashed) and returned upon receipt of the drive.

²Unless the BIOS has been updated, your system will not recognize drives beyond 2GB.

Boot Failure

This section applies ONLY if you encounter boot failure problems after connecting the hard drive.

Please be aware that some computer manufacturers rely on proprietary parts and/or a proprietary architecture, and require their own system files on the hard drive. Such computers may not be able to initially recognize the hard drive and will not boot. Some of the brands that students have encountered installation problems include Compaq, Hewlett-Packard and Packard Bell.

To overcome this problem, you will need to transfer your system files from your Windows startup diskette onto the loaner hard drive. If do not have a startup diskette available, reconnect your hard drive and follow the instructions under Windows Help, "creating startup disk" for creating one³. Connect the loaner hard drive and boot your computer using the startup diskette. (Note. Be sure your computer's boot sequence begins with a:. Otherwise, modify your computer's SETUP to begin the boot sequence from a: drive). At the a:> DOS prompt, enter "sys a:\ c:". This transfers the system files and the command interpreter (command.com) from the diskette to the c: drive. Remove the startup diskette and reboot the computer.

Problems You May Encounter

Great lengths have been taken to ensure their operability. However, you may encounter the following problems:

- If your computer is not set to auto-detect, you will have to go into your SETUP (during the boot sequence) and install the drive. Otherwise, your computer will not recognize the hard drive during the boot sequence.
- Some EIDE cables may not accommodate all 40 pins. Remedy this by purchasing a new cable.
- In spite of having most drivers loaded onto the hard drive, certain peripheral devices installed on your computer may not be recognized. Install these devices from your installation diskette or CD.
- All hard drives have been installed in portable frames for their protection. The frame must be locked for the hard drive to receive power.

Please document all problems you encounter so they may be corrected in future installations.

It is not advisable to use this hard drive in conjunction with another, such as a slave or second master. During its initialization sequence, Windows may redefine the file paths for your programs.

Returning Your Hard Drive

Be sure to return everything. All drives must be returned to the department office within a week from the last day of the semester. In cases of delinquency, a hold will be placed on your transcript until it is received. This will prevent you from registering, or receiving your transcript, degree and diploma.

³If you are running an operating system other than Windows 98 (i.e., Windows ME) will need to get a startup diskette through the MIS department.

Borrowing

Hard drives will be available from the MIS office ON JANUARY 31. Visit the office during business hours. Hard drives will only be released to students registered in the class per the Registrar's Office upon the receipt of a \$100 deposit (checks only), and on a first-come, first-served basis.

Disclaimer

Due to differences in configurations and proprietary hardware/software, there is **NO GUARANTEE** these hard drives will work with your system.

All software installed on the hard drive are licensed to the University for academic use only. Copying the installation or any parts of it is a violation of copyright laws. The software may not be used for non-course related work. The University assumes no responsibility for your unlawful actions.

The student assumes all risks to his/her computer. The Department nor the University is responsible for any damages to your computer.

Acknowledgment

I have read and understand the above paragraphs, and accept the terms and conditions of the loan. I agree to return the hard drive to the MIS Department in working condition no later than one week from the last day of the semester.

I understand that if the hard drive is not returned to the MIS Department the following will occur:

1. a hold will be placed on my academic records,
2. I will not be able to register for additional courses, or graduate and
3. CSUS Accounts Receivable will bill me for the replacement cost of the hard drive (less any deposit cashed).

If the hard drive is returned in a damaged state, I agree to pay for a new replacement.

Signature

Student ID Number

Date

Email address: _____