

PC UPGRADING

A Hands-On Class in 4 Sessions

PREREQUISITE: Some experience with Windows Operating Systems, and a basic understanding of internal computer hardware is desirable.

PURPOSE: The class is intended to help the student learn how to improve the performance of a computer by installing upgraded hardware and/or a newer operating system.

HARDWARE & ITEMS COVERED: Each student will be provided with a computer to work on. They will learn, and practice the proper procedures to replace or add RAM (memory), Hard Drives, CD/DVD Drives, PCI cards (Video, Audio, LAN, etc), and Power Supplies.

Students will learn how to access the BIOS (basic input-output system) and how to make changes to it. They will also partition and format a hard drive, and install a fresh operating system. They will learn techniques to use the operating system tools to determine if hardware devices are working properly, and how to troubleshoot and correct problems with drivers.

Students should provide their own Phillips #2 screwdriver; any other tools that might be needed will be available to borrow.

A data CD disk will be provided to each student that they can keep. This Disk has a collection of useful Utility Programs, informational guides, and files of all the printed handouts used during the class.

REGISTRATION: Students must register and pay for the class in advance.