

Classroom computer equipment:

- Lab PC's shutdown after 2 hours of inactivity or at 11:00 pm.
- Projectors go into standby after 10 minutes without a video signal.
- All projectors go into standby at 11:30.
- Office PC's are running an application that will shut down the PC at 11:00 pm unless they are on an exception list.

Server technology:

- Recent advances in server software have allowed us to reduce the number of small individual servers in our computer room by nearly 50 percent. This is done by recreating the small servers as virtual server instances on a cluster of fewer but more powerful servers. The new server software shares the processor, memory and storage between all the small applications in a very effective server multitasking environment. This technology has matured and even greater savings are on the horizon with exciting beta applications appearing almost daily.

Print controls:

- Printers are large consumers of energy due to the heat required to fuse the toner on to the paper during the printing process. Printing also generates waste in discarded paper and printer expendables. Excessive printing requires greater space cooling during warmer months.
- More through accounting measures are being employed by Auxiliary Services on the large multifunction devices that Xerox deploys on our campus.
- IT recently deployed a "release request" procedure in the TL computer commons by which students are required to request release of print jobs exceeding 10 pages. This allows large printing mistakes to be cancelled and provides opportunities for lab assistance to offer alternate suggestions to printing of multiple copies or producing very large jobs.
- Duplex printing used as the default setting on new printer installations

Computer Room Design:

- "Hot aisle, cold aisle" configuration in the computer room design to reduce cooling requirements in the computer room.
- High flow cooling floor tiles replaced the older much less efficient drilled tiles.