

Design Center Renovation Highlights (Fall 2003 – Fall 2006)

The Engineering Design Center was placed under new management in the Spring of 2003. Since that time the Design Center has been completely rebuilt into a modern computing complex with 5 computer labs consisting of 24 systems each. The highlights of the changes made throughout this renovation are listed below:


- Expansion of the lab facility to create 2 new lab spaces giving us our present total of 5 computer labs; 2 Windows, 2 Sun Solaris, 1 Linux
- Two new staff positions were created and filled: System/Network Security Administrator, and Windows System Administrator.
- Purchase of two network attached storage arrays adding over 10 TB of disk storage.



- The replacement of clone computers in 3 of our labs with Name Brand HP xw4100 workstations with 3 year maintenance contracts.



- The purchase of two labs worth of Sun Blade 2500 workstations. Made possible with a generous grant by Sun Microsystems.
- The addition of VMware to our Linux system allowing for the simultaneous use of Linux and Windows OS.

- The replacement of HP-UX with  Sun Solaris systems.

- Added a helpdesk system to improve the quality of service offered by the Engineering Design Center team.

- 4 new high-end HP LaserJet 9000 B/W printers and an HP 3700 Color LaserJet printer was purchased.

- New HP DesignJet 4000ps Plotter was purchased to replace the older more decrepit one.



- The old unscalable HP Omniback backup system was discarded and replaced with a Sun L25 Tape library consisting of two LTO3 drives and using the latest enterprise version of Veritas backup software.



- Two High end projectors were purchased along with multimedia A/V equipment for two of our labs.

- The nasty green cloth partitions were torn down and replaced with modern professional looking partitions with glass inserts near the top.



- Security cameras were installed throughout the lab to provide safety and security for our ever improving modern labs.

- The server room has undergone a complete renovation away from old telco racks and rat nest wiring to network and computer cabinets and all new rack-mountable servers. A list of server hardware may be found on the Design Center Website.



- Entire Design Center website appearance and contents have been redesigned and reorganized to improve navigation and make information easier to find. Visit us at <http://www.dc.engr.scu.edu>.

Web Developer Position

The Design Center is currently looking for a **student web**



developer to help maintain a full range of the SCU Engineering School's various web sites. The position would be responsible for developing designs and procedures for updating the contents of Engineering web

sites using various web technologies including, but not restricted to, CSS, HTML, SQL, PHP, PERL, JavaScript, Frames, ColdFusion, Common Sport, etc. The student will coordinate with the Engineering Design Center staff and the School's Communications Office to meet the technical and communication needs for the Engineering School's various web sites. The hourly wage for this position begins at **\$12**. The student is expected to work around **20 hours per week** with flexible hours.