

BFC SRJC Technology Bond Spending Update April 4, 2017

IT Update

Networking and Infrastructure

- Team configured PoE switches and VOIP phones and deployed in Emeritus, Maggini, Race and Call Hall Petaluma over spring break
- Regroup training- virtual training held on how to set up groups and use this new communications tool for emergencies and other student success communications. Additional trainings will be scheduled.
- Infrastructure group recognized by the CCC Tech Center for Network upgrades project



Systems and Programming

- We have completed the Follett bookstore Web links in the schedule of Classes, Student Portal, and our Web site.
- Don received a Technology Excellence award for the work his team performed in implementing the CAPP Online Assessment tests prior to the previous vendor Compass discontinuing service. The team members recognized are Jean Brennan, George Lancina, Jewel Watterson, and Don Webb.



Instructional Computing

- Deployed 60 new laptops for PSTC
- Deployed 3 new student stations to Call Child Development Center
- Completed server side installation of MasterCam 3D design software for deployment in Machine Shop lab.
- Finished refresh and configuration of 30 previously surplus iPads for use by DRD.
- Completed deployment of 40 new workstations in Maggini 2806 over spring break

Media Services Update

Spring Break activity focused on upgrades to technology in Newman and SAC, as well as catching up on a number of deferred maintenance and repair items.

- In Newman Auditorium, technician David Mendez replaced the two-channel, analog wireless microphone system with a new four-channel, digital system. This was done to increase the wireless capability of the room in response to numerous requests, over the past several years,

for more than two wireless mics during events. It was also to address a problem with signal drop-outs that faculty have been experiencing. The new system has the capability to increase transmitter power. We also added amplifiers to the receiving antennae as additional insurance. Faculty are very happy with the increased reliability and improved sound quality. David also did a thorough job of rebalancing signal levels between input channels and system devices (gain-staging) and re-equalizing the system for better tonal balance and clarity.



- The larger project in Newman was replacing the video production and recording system. Technician Theo Chatneuf decided to push this project forward and, with the help of co-workers, replaced the aging analog cameras with new digital, hi-definition cameras and installed the new digital video switcher, audio and video monitors and digital video recorder. New equipment racks were employed and network cabling was pulled to camera positions. This included a long, convoluted cable run from the control booth to a connection box in the audience seating area via the stage and dimmer room. Theo then oversaw the interconnection to other auditorium systems and configuration and commissioning of the new system. It has since been used successfully for two Arts & Lectures events that included videoconferencing, and the recording of a Music Department Jazz Band concert.

- A Phosphor-Laser projector was installed in the Student Activities Center to improve the viewing experience in that much-used space. This is providing a temporary improvement over the two previous projectors that have been used in this space while we research a truly appropriate solution for this important venue.

- Other projects include:
 - Installation of a 90" LED display, with associated cable and conduit runs, completed in Tauzer 999, the weight training facility, with a new instructional computer going in this week.
 - Installation of media systems in the new MI CASA center completed, including Laser Projection in the instructional space and large LED display in the social room.
 - Installation of a full instructional media system, including two large LED displays, begun in the new Diesel Technology Computer Lab in Lounibos. Completion is scheduled for later this month.
 - A series of medium and large LED displays, including a number of 70" and 84" Interactive Touch Displays will be installed this month. Job walks for these projects took place over Spring Break.

- EMS training occurred March 30th and 31st with 15 staff attending. Topics covered were creating, modifying and adding services to reservations, managing service requests for service providers and approval process management for service providers. The EMS rep also met with Campus

Police and IT staff to work on process development for the CCure lock programming and for active directory user authentication.

Media Services Update – Petaluma

- Petaluma Media completed installing Measure H funded project including:
 - A new audio system was installed in the Petaluma workout room 805.
 - A new 84” monitor in Call 602.
 - New recording microphones mounts and cabling for events in Ellis Auditorium.
 - A demonstration touch interactivity kit with a projector we are evaluating in Doyle 243.
 - A new document camera in Doyle 229 and upgraded video switcher.
 - Mersive Solstice in Ellis Auditorium.
 - Replaced damaged cable in Call 658 with new digital Cat 6 HDSDI cabling.

- The Petaluma Campus also had a power outage that effected east Petaluma last Monday. The power issues damaged some equipment and classroom technology, requiring investigation and repair.

