2015 Classroom Technology Refresh Project - CTR4

Overview

- Our 2015 classroom technology refresh project is the 4th year of a 5 year cycle during which we will enhance the technology in all 131 general assignment SmartClassrooms
- We are roughly following the original renovation/construction schedule, refreshing oldest rooms first
- 87 rooms were refreshed in the first three years; 24 more rooms will be upgraded during summer 2015

2015 Classrooms

- BS3 - Rm 1200
- DBH - Rms 1200, 1300, 1420, 1422, 1423, 1425, 1427, 1429, 1431, 1433, 1500, 1600
- EH - Rm 1200
- HH - Rm 178
- IAB - Rms 128, 129, 131
- PCB - Rms 1200, 1300
- SSH - Rm 100
- SST - Rms 120, 122, 238

Continuing Technology Enhancements

- New computers with digital outputs and widescreen monitors
- Software installation - AnyDVD to play multi-region DVDs on the computer; Doceri Desktop allowing wireless control of the PC and annotation from mobile devices
- 16:9 or 16:10 format screens and widescreen data projectors
- Blu-ray players and auxiliary A/V inputs installed, VHS decks removed
- Document cameras in most rooms >50 seats
- Lecture halls receive HD document cameras and widescreen digitizing tablets
- Addition of digital laptop cables (HDMI) to existing analog laptop cables (VGA)
- Re-wire all rooms for stereo audio, change out all cables and connectors
- Wireless mics in rooms >119 seats, gooseneck mics in rooms >49 seats, mic inputs in all rooms
- Extron touchpanels and controllers in place of AMX devices
- Video switchers and distribution amplifiers changed out
- Side shelves installed on 111 classroom lecterns, adding space for laptops, notes, or document cameras
- Lectern adjustments to reduce monitor glare & customize monitor angle
- Additional mobile or fixed whiteboards installed where appropriate
- Cameras installed above lecterns to assist in troubleshooting help desk calls
- LED rack lights installed to illuminate computer and blu-ray deck
- Addition of networked power controllers for lectern equipment and projectors

New Technology Enhancements

- Computer refresh cycle to be accelerated to 4 years due to aging machines in many rooms - new computers will be installed in all 44 remaining refresh rooms (yrs. 4 and 5)
- New electric screens in many DBH rooms & PCB rooms
- Lectern/stage position changes in SSH 100 and HH 178 to counteract classroom design flaws
- Additional 80" monitor in SSH 100 to improve visibility from some audience seats
- New vertical sliding whiteboards in SSH 100 (to be installed 12/15)
- Additional wireless microphone receiver in SSH 100

OIT CTS has discussions with faculty, support staff, vendors, and facilities management to make sure classroom needs will be met as much as possible. Scope will continue to be adjusted yearly as technology advances and the needs of room users change. Work will be completed over the summer months largely by OIT CTS staff.