Overview

- Our 2014 classroom technology refresh project is the 3rd 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.
- 63 rooms were refreshed over the first two years; 24 more rooms were upgraded during summer 2014.

2014 Classrooms

- DBH - Rm 1100
- ELH - Rm 110
- ET - Rms 201, 202, 204
- ICS - Rms 174, 180, 209, 213, 219, 225, 243, 249, 253, 259
- PCB - Rm 1100
- PSCB - Rms 120, 140, 210, 220, 230, 240
- RH - Rms 101, 104

Continuing Technology Enhancements

- New computers with digital outputs and widescreen monitors.
- 16:9 or 16:10 format screens and widescreen data projectors.
- Extron touchpanels and controllers in place of AMX devices.
- Video switchers and distribution amplifiers changed out.
- Software to play multi-region DVDs on the computer.
- Lectern adjustments to reduce monitor glare & customize monitor angle.
- Blu-ray players and auxiliary A/V inputs installed, VHS decks removed.
- Addition of digital laptop cables to existing analog laptop cables.
- Re-wire all rooms for stereo audio, change out all cables and connectors.
- Microphones in rooms >49 seats, microphone inputs in all rooms.
- Lecture halls receive HD document cameras and widescreen digitizing tablets.

New Technology Enhancements

- Digital laptop cables changed from DVI to HDMI in all refreshed rooms.
- LED rack lights installed to illuminate computer and blu-ray deck.
- Addition of networked power controllers for lectern equipment and projectors.
- Side shelves installed on 111 classroom lecterns, adding space for laptops, notes, or document cameras.
- Document cameras added as part of standard equipment in 16 medium sized rooms.
- Wireless microphones installed as part of available equipment in ICS 174, RH 101, and RH 104.
- Addition of Doceri Desktop software to all classroom computers allowing wireless control of the PC and annotation from mobile devices.
- Touchpanel GUI enhancements.
- Additional mobile or fixed whiteboards installed where appropriate.
- Cameras installed above lecterns to assist in troubleshooting help desk calls.

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. As always, work was coordinated and performed over the summer months largely by OIT CTS staff.