

2016 Classroom Technology Refresh Project - CTR5

Overview

- The 2016 classroom technology refresh project is the 5th year of a 5 year cycle during which OIT-CTS will enhance the technology in all 131 general assignment SmartClassrooms
- The original renovation/construction schedule is being followed roughly, with the oldest rooms being refreshed first
- 111 rooms were refreshed in the first four years; 20 more GAC rooms will be upgraded during summer 2016, as will a handful of computer lab classrooms

2016 Classrooms

- HG - Rms 1800, 2310, 2320
- MM - Rm 116
- MPAA - Rms 320, 330
- MSTB- Rms 114, 118, 120, 122, 124
- RH - Rms 108, 114, 184, 188, 190, 192
- SE2 - Rm 1306
- SSPA - Rms 1165, 1170
- Computer classrooms: AIRB 1020, MSTB 210 & 226, SBSG G240 & G241, SST 104 & 107

Continuing Technology Enhancements

- New computers with digital outputs and widescreen monitors (computers are on a 4-year refresh cycle)
- 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
- Addition of digital laptop cables (HDMI) to existing analog laptop cables (VGA)
- Re-wire all appropriate 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
- 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

- New, larger electric screens in several rooms
- Additional audio output to improve the quality of & simplify external recordings
- Coordination with Education on MPAA 320 & 330 small capital improvement project renovations & associated technology needs (rooms were re-oriented; a fixed wall was removed and replaced with a partition wall, enabling both rooms to be combined into one large multi-imaged space; lighting adjustments; pen displays added in place of Eno boards; etc.)
- Coordination with Music to install upgraded speakers/audio equipment in MM 116
- Computer classroom and training lab upgrades in line with other GAC upgrades
- Cardkey system added to several classroom & computer classroom doors

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.