

## Ten (10) Technology Enhanced Classrooms Updated Over Break in Buzzard Hall 11/27/2019

Over the Thanksgiving Break a number of classroom upgrades were completed by Information Technology Services. ITS only had a 3 day window to complete this work and we are grateful that we have now updated the technology in the following College of Education classrooms:

BUZ 1121  
BUZ 1140  
BUZ 1302  
BUZ 1430  
BUZ 1441  
BUZ 2160  
BUZ 2430  
BUZ 2439  
BUZ 2440  
BUZ 2444

Here are the TLDR notes:

New equipment has been installed in the above COE Technology Enhanced Classrooms. Faculty now will use the new Epson remote to turn on and off the projector (Blue button). Use pull-down screen to project on for best viewing. New document cameras are installed that now support audio/video input. Make advanced arrangements with the ITC if needing to show a VHS tape or DVD.

The following provides a little more detail:

So what has changed?

- 1) New Epson projectors have been installed – the only button faculty need to use on the new Epson remote control is the **BLUE** power button located in the upper-left corner of the Epson remote. Please do not change any other projector settings. To turn off the projector press the **BLUE** power button once and then press the **BLUE** power button a second time to confirm.
- 2) In order to maximize the screen size for the new projectors the ITS techs configured the image to be displayed on the pull-down screens in each room. The SmartBoards are no longer functional, however each instructor station has a 10 point multi-touch monitor that can be used with pinch to zoom and digital inking capabilities.

**Tip:** Use the keyboard shortcut Windows Key > W > Tab > Tab > Enter to take a screenshot and annotate with digital ink – watch a YouTube example video here <https://youtu.be/zi7WpcAU7D0?t=51>

- 3) New Dell mini computers have been installed with the latest version of Windows 10 and Office 365. Be sure to always logout of any apps or services used during classroom time when finished. A computer restart will delete all files saved to the instructor station during the session and reset the computer to the default settings.
- 4) New HDMI Switchboxes have been installed  
Every classroom listed above no longer supports older VGA laptop connections, the new switchboxes only support HDMI going forward.
- 5) New high-definition HoverCam Document Cameras were installed with a webcam and microphone built-in that provides A/V input capability
- 6) 10 point multipoint touchscreens remain in all the classrooms listed above

**What was lost:**

ITS did not have enough adapters to get every legacy VHS/DVD player connected to the projector. Showing VHS and DVD content will temporarily require conversion to a digital media (MP4) format or arranging a checkout VHS/DVD rolling A/V cart from the ITC.

**What is gained:**

The new Epson projectors are much brighter and support full 1920x1080 HD resolution. This is a huge improvement over the replaced older VGA models.

New Dell mini-computers are much faster and have the latest version of Windows 10 installed with the Desktop version of Office 365. Windows 10 and Office 365 fully supports digital inking on the touchscreens that are now available in all COE classrooms

New document cameras replace the older Canon models and have much higher image resolution. The HoverCam document camera models also include a webcam & microphone that will allow for easy video calls and Microsoft Teams meeting capability. The new document cameras are integrated with the computer and therefore do not require a dedicated video switch. To use the document camera either use the built-in Windows Camera app or use the Visual Presenter program located in the Start menu of the instructor station.

The new document camera also supports many Office 365 applications that utilize audio and video integration such as dictation (speech-to-text), display of real-time automatic subtitles in PowerPoint Online presentations, immersive reader with read aloud (text-to-speech) and translation capabilities to a foreign language. These new A/V capabilities greatly enhance the accessibility options available to all who use our TEC classrooms.

So, as you can see we have been very busy over the Thanksgiving break. Work continues and I am sure there will need to be some adjustments made over time but we are very excited to finally have this new equipment installed and ready to use in the classroom. The EIU carpenters

still have work to do with mounting the document cameras and video switchboxes to the top of the classroom podiums for easier access but that work will be completed in the coming weeks.

I tried not making this too long but as you can see there are a lot of improvements that happened over break! If you would like an overview of the new equipment and/or new capabilities of our updated Technology Enhanced Classrooms please schedule an appointment with me.

If you would like a group demonstration of the new found powers enabled by our updated Technology Enhanced Classrooms I would be happy to come to a departmental meeting to provide an overview.

Thank you and enjoy the new additions!

Keep on learning!  
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