Armstrong Education: Instructional Technology Facilities

The following list of items are available for use and some for check-out.

**University Hall 125 (round table/laptop classroom)**

**SMART boards for Instruction/Training/Practice**
Dual SMART board classroom. Boards can operate concurrently (standard configuration) or independently (advance arrangements required).

**Laptop/Notebook Computers**
UH125 has a Laptop Cart/Charging Station with 25 Dell Laptops (optical drive and SD card slot on these units).

**Elmo Document Camera**
Similar to an overhead projector the document camera will project the image of any item placed in camera view onto the Smartboard, projector screen or a clean whiteboard. This unit also functions as a camera-taking a still image of item placed in view camera can be used as a teaching tool to present anything from a handheld device such as a smart phone or tablet to a group of people, this allows a larger group of students to have an unobstructed view of the item.

**University Hall 126 (Curriculum Lab - Faculty/Staff presence required)**

**Vizitech zSpace Virtual Reality Learning Experience Computers**
Creating engagement through exploration and experiential learning in a student-centered environment. Uses mixed reality systems that combine elements of virtual and augmented reality in a computer. zSpace encourages students to inquire, take risks, solve problems, and apply their learning while building confidence and expanding interest. A suite of learning apps built for zSpace along with hundreds of learning activities and teaching resources.

**Teach LivE**
TeachLivETM is a mixed-reality classroom with simulated students that provides teachers the opportunity to develop their pedagogical practice in a safe environment that doesn’t place real students at risk. In the TLE TeachLivETM Lab, pre-service and in-service teachers walk into a room where everything looks like a middle- or high-school classroom including props, whiteboards, and of course, children. However, unlike the brick and mortar setting, the lab is a virtual setting and the students in the classroom are avatars. The instruction or management context may then be changed systematically to examine how participants’ respond to a changing classroom environment.
SMART boards for Instruction/Training/Practice
Dual mounted SMART Board room. Boards operate independently to allow multiple presentations and hours of practice with Board to occur. There are also 2 portable Smartboards with laptop cart including necessary projector and computer-Bluetooth connection to minimize wired connections (forthcoming).

iPads (iPad 3)
Available as a complete set of 16 iPads to be checked out by COE faculty or staff. As needed individual iPads can be checked out for edTPA video recording, presentations or general use. Lab also has available for check-out: HDMI connectivity, USB adapter, as well as VGA adapters.

Nexus 7 Tablets
10 tablets are available for faculty, staff and students to check out. These units are excellent for edTPA as you can record and trim the video right on the device without the need of a computer to edit. These tablets run off of an Android Operating System-this is convenient for students who use an Android Smart Phone as the units will operate very much in the same way as their phones.

Laptop/Notebook Computers
The Laptop Carts are available to reserve for an entire class lecture period, training session and various other technology enhanced lessons. The units are also available for short term reservation and check out as needed for projects within the College of Education.

Lapel Microphones
Available for checkout from UH126 during open lab hours as well as by appointment. These can be checked out by students and faculty as needed. These work with all computers with a basic headphone jack.

Headphones for Computer Labs/Classes
Headphones available for any purpose necessary to use with personal or school computer equipment. These can be checked out by students and faculty for short term use.

Laminating Service
UH126 has a laminating machine available to laminate materials for faculty, staff and students.

University Hall 128 (classroom/traditional, lecture style lab)
25 HP Desktop Computers: UH128 is the College of Education funded Computer Lab. This room is available on an as needed basis (when not reserved by class reservation). To secure a reservation, use the campus wide R25 solution. This room has 24 desktop units with 1 instructor
unit that is connected to a smart board and document camera. This room is available for students to use the desktop units. Printing services are not available in this space.

**University Hall 252 (resource room)**

**Ellison Die Cutter**
Available when needed in UH126. This unit has 2 different sized sets of the alphabet one in a standard font the other in an italic typeset. There is a limited selection of shapes (mostly geometric themed as well as a few animals and basic shapes). Please plan on bringing paper necessary for your project as there is only white printer paper available by the machines.

General office tools are also available in these spaces:

- Paper Cutter
- 3 Hole Punch
- Stapler

There are also SMART Boards available in the Sports Center building located in room SP223 and in the University Hall 202 conference room (computer required).