

## **PURPOSE**

The purpose of this standard is to similarly equip classrooms across the college. The reason to do this is to make the systems easy to use and familiar so that DVC employees can use a variety of classrooms and produce the same quality of experience for the student wherever they instruct. In addition, the maintenance of these systems becomes easier on support staff and less costly to maintain. In this environment, staff and students know what to expect when they enter a classroom.

## **CLASSROOMS WITH EXISTING MULTIMEDIA SYSTEMS**

Classrooms that are already equipped should be upgraded to the most current minimum standards for that piece of equipment as it is replaced.

## **CLASSROOMS WITHOUT MULTIMEDIA SYSTEMS OR NEW CLASSROOMS**

Classrooms that are new or have no multimedia capabilities should be equipped with the most current minimum standards equipment.

## **BASELINE STANDARDS**

The baseline configuration that should be used for any new systems and the standard to be pursued for any upgrade is as follows:

Control mechanisms (one of the following or both):

- Push button touch screen interface that is clearly labeled as to the function for each button.
- Capability to interface with assistive technology (e.g. audio and haptic techniques) to ensure an equally effective experience for users with disabilities.
- Media switcher that allows for the switching of both video and audio. Depending on classroom, amplifier may be installed in ceiling or rack system in podium/desk.

Projection equipment:

- Ceiling mounted or white board mounted units
- 3000+ Lumens quality
- 2000:1+ Contrast
- Digital Keystone
- 720p, 1080i, 1080p/60, 576i, 576p
- HDMI 1.3
- VGA
- 16:9 or 16:10 native resolution
- Remote management
- Enabled for captions

### Computer:

- Dual core processor
- 8gb ram
- 500 GB SATA hard drive
- 512 MB video card capable of 16:9 and/or 16:10 resolution
- Blu-Ray player
- Sound card

### DVD & VCR Combo:

- Closed caption capabilities are required.

### Document Camera:

- 12X optical zoom
- USB and/or flash storage
- VGA and HDMI input & output
- Antitheft device capable

### Screen:

- 8' width minimum

### Sound System:

- Integrated amplifier that can be added to a network
- Speakers mounted in ceiling
- Wall mounted speakers if ceiling option is not possible
- Compatible with Assisted Listening Device receivers

### Storage:

- Depending on environment, a locking podium or desk that permits rear access to devices and has a built in rack for securing equipment.
- Standardized security/locking system
- Connections available in podium/desk: network (wired), laptop (VGA & HDMI), USB (allows for smartphones and tablets)

### Management:

- Centralized management capable of tracking lamp and filter hours.
- Notification if a device is powered off or removed from the system,
- Give Media Services the ability to remotely power on or off the equipment in the classroom.