Classroom Technology Standards

The purpose of establishing classroom technology standards is to similarly equip classrooms across the district to facilitate and ease and assist with the familiarization of our equipment for the faculty to facilitate the same high quality and educational experience for students wherever they instruct. Standardization assists with the maintenance cost as well as the Total Cost of Ownership (TCO) of these systems is greatly reduced. Additionally, support staff more effectively services all classrooms when they are dealing with similar equipment. With this proactive, holistic approach to classroom technology support and development, faculty, staff and students know what to expect when they enter a classroom.

Classrooms without current technology or new classrooms
These classrooms should be equipped per the most current minimum equipment standards.

Classrooms with existing systems
These classrooms should be upgraded to the most current minimum standards at least every five years to remain current and useable.

Minimum Standards
These standards shall be as follows for any new systems and upgrades are as follows:

Control/Switcher mechanisms (one of the following or both)
- Push button touch screen interface that is clearly labeled as to the function for each button
- Media switcher that allows for the switching of both video and audio. This device may or may not utilize an integrated amplifier
- Laptop/tablet/auxiliary device connection

Display Technologies:

Projection Display
Projection equipment
- Ceiling mounted or white board mounted units
- 3000+ Lumens quality
- 2000:1+ Contrast
- Digital Keystone
- 720p, 1080i, 1080p/60
- HDMI 1.4 or better
- 16:9 or 16:10 native resolution

Projection Screen
- 16:9
- 16:10
- 8' diagonal minimum

-OR-

Direct-View Display
- 16:9 native resolution
- 70" diagonal minimum
- 1080p capable

- HDMI 1.4 or better

Computer
- Quad core processor
- 16Gb ram
- Touch screen monitor
- 512 Mb video card capable of 16:9 or/and 16:10 resolution
- DVD and/or Blu-Ray player
- Sound card

DVD/Blu-Ray
- Encourage the migration from DVD/Blu-Ray media to internet enabled delivery where possible
- Closed caption capabilities are required

Document Camera
- 3 Mega-Pixel (MP) sensor
- USB and High-Definition (1080p)
- Optical zoom

Sound System
- Audio amplifier if no other sound amplification is used
- Speakers

Furniture
- Instructor lectern or podium

Review of standards
Due to rapid changes in technology, it is recommended that the classroom equipment standards be reviewed and updated regularly to ensure the college is keeping pace with the rate of change in educational and classroom technologies.