The training for the science lab and smart classrooms was held on the following dates and times:

Tuesday, January 5, 2010 Lab Training: 10:00 am Smart Classroom Training: 1:00 PM
Wednesday, January 6, 2010 Smart Classroom Training: 10:00 am Lab Training: 1:00 PM

The scope of the smart class room training included the following equipment;

The overhead document camera, permanently installed and recessed into the ceiling was demonstrated.

The functionality of the Docucamera was demonstrated by the IVC IT department. This included the ease of use and projecting the Docucamera images to either the overhead projector or on the flat panel TV, separately or simultaneously. The entire selection process is controlled at the Crestron control panel.

The Crestron control equipment which is installed and recessed into the lectern podium was demonstrated.

The Crestron control panel is where the various input and output selections are made. The device can accept inputs from two different PC's, one Blue ray DVD located in the lectern, and the Docucamera. It can also direct the output of these devices to either the projector or the flat panel TV.

The color projector permanently installed on brackets suspended from the ceiling was demonstrated.

The color projector can receive input from either of the two PC's connected to the Crestron unit, the overhead Docucamera and the Blue Ray DVD.

The flat panel LCD TV permanently mounted in the front corner of the classroom was demonstrated.

The TV currently accepts input from either of the two PC's attached to the Crestron, the Docucamera and the Blue Ray DVD.

Additionally:

1. Sound is provide in the classroom by two speakers mounted on the ceiling. The sounds from each of the input devices is played on the speakers with the volume being controlled from the Crestron control equipment.

2. The lighting can be controlled from switches located at the room entrance and also from switches accessible from the podium area.
3. The lights can be set to several different levels of intensity to accommodate the instructor and students comfort level.
4. There is one special "wash" light that can be illuminated to provide an additional lighting source for the front sliding white boards.

All of the above functionality was demonstrated on the listed dates by the IVC IT department and the IVC A/V department.

Media Presentation Equipment and Control Training for Instructors using the 2700 Building

- Instruction for the use and care of media presentation and control equipment in classrooms of the 2700 building is provided by Learning Services to instructors on an individual basis in their assigned classroom setting

- Instruction includes features and capabilities of the Blu-Ray player, the overhead document camera, multimedia data projector, computer inputs, flat panel display unit, integrated sound system, and lectern control panel.

- Features of the Blu-Ray player are accessed from the control panel, including disc menu, player menu, system signal routing and volume control. How to load and eject the disc and operate the player with the remote control, located inside the lectern, is explained as well as all media formats playable on the unit.

- Features of the overhead document camera are accessed from the lectern control panel including camera power control, both automatic and manual focus, zoom control, and system signal routing. The document cameras have no audio features. The desktop work area for the document camera can be used to show documents, 3-D objects, existing transparencies, or used as a white-board with dry erase markers. The lecture hall, room 2734, and the planetarium, room 2741 do not have overhead document cameras, but portable document cameras are available. Connection to the control system, use, and care of the portable document cameras is explained.

- Some multimedia data projector features are accessed from the lectern control panel. The control panel has projector power control, signal routing, and volume control of the associated input. The remote control is available to Learning Services technicians only and is used to change display video aspect ratios, presentation brightness and contrast, and color control upon request of the instructor. Use and care of the projector's ceiling mounted, pull-down display screen is explained.

- The planetarium, room 2741 does not have a multimedia data projector. Rather, it has two flat panel display units. The difference in signal routing is explained.

- The systems offer video and audio inputs for two computers. How to connect the computer to the system, access internet data, and insure the computer is set to use an external display and sound system, as well as audio and video display signal routing is explained.

- The integrated sound system is controlled from the lectern control panel. The volume increase, decrease, and mute features are explained.

- Video signals can be routed to the flat panel display unit, and the unit power can be turned on or off from the lectern control panel. There are no other user controls for the flat panel display unit. The unit is mounted on an extensible, swivel wall mount. How to safely position the flat panel display unit is explained.

- The lecture hall, room 2734 does not have a flat panel display unit. Rather, it has two multimedia data projectors. The difference in signal routing, as well as control of the electrically lowered and raised display screens in explained.

- In addition to the preceding features, the system power up and shutdown on the lectern control panel is explained.