If the projected image is cut off when using the resident computer or a laptop, press the AUTO button on the EPSON remote control to correct the issue.

**Photos**

- HS 220 seats 18 students.
- HS 220 is equipped with one whiteboard.

**Equipment**

- Ceiling-mounted LCD projector with remote control
- Windows computer
- Document camera (click here for more info)
- DVD/VCR combo unit
- Ability to connect a presenter’s laptop
- Pull-down projection screen

**Room Features**

- Seats 40
- Tablet arm desks (movable)
- Light switches by door
- Internet and network access
- Phone (on lectern)
- Whiteboard (front wall)

**Powering Up the Equipment**

The ceiling-mounted LCD projector is controlled using the EPSON remote control.

- Press the POWER button to turn on the LCD projector. After pressing ON, wait until the projector has warmed up before selecting the desired source button on the EPSON remote control. The projector will not receive the command to switch until after it has finished warming up.

- The resident computer, document camera, DVD/VCR combo unit, and amplifier are all powered on using the appropriate button located on each device.

  **NOTE:** The MASTER POWER switch, located at the top of the rack behind the lectern, must be turned on in order to use the technology in the room.

- Press the A/V MUTE button on the EPSON remote control once to place the projector in standby mode. Simply press the button again to take the projector out of standby.

- If not already on, press the POWER button on the amplifier to turn it on. The adjustment of volume, however, is actually done using the knob located on the top of the lectern.
Lighting controls are located next to the door.

A phone is located on the lectern.

The amplifier is located at the bottom of the rack.

**NOTE:** Computers have their own volume controls which may need to be adjusted separately.

**Resident Computer @ Lectern**

Press the POWER button on the resident computer to turn it on. **HS 220 is equipped with a HP computer.** USB ports are located next to the computer's power button.

Once the computer has been powered up, press the COMPUTER button on the EPSON remote control until the projector is set to COMPUTER 1 mode to display the image on both the monitor and LCD projector simultaneously.

**Document Camera (ELMO)**

The Doc Cam's power and lights must be turned on manually using the controls located on the camera itself. Click [here](#) for more information regarding the document camera found in this classroom.

Once the camera's power is on, press the COMPUTER button on the EPSON remote control until the projector is set to COMPUTER 1 mode to display the image on both the monitor and LCD projector simultaneously.

**DVD or VHS Playback (via the DVD/VCR combo unit)**

Once the equipment is powered up, insert your disc or tape into the JVC DVD/VCR combo unit. The combo unit is controlled using the buttons on the unit or the corresponding JVC remote control provided.
The DVD/VCR combo unit is in the rack

Press the VIDEO button on the EPSON remote control until the projector is set to VIDEO mode to display the DVD/VCR image on the LCD projector. To switch between DVD and VCR modes, press the VCR/DVD button found on the combo unit itself.

The video image can also be displayed on the lectern’s TV monitor, which is located to the right of the computer monitor. To turn on the TV monitor press the red TV MONITOR button.

Connecting a Laptop
The cables needed for connecting a laptop computer are found on the instructor’s lectern. In addition to cables for connecting a laptop, a power outlet is also located on the lectern for your convenience.

Using the VGA cable

1. Plug the VGA cable into your laptop's VGA port.
2. Plug the audio cable into your laptop's headphone jack.

3. Press the COMPUTER button on the EPSON remote control until the projector is set to COMPUTER 1 mode.

4. If currently powered on, turn off the document camera.

5. Turn on your laptop's power.

6. If needed, set your laptop to display on a secondary display.

Don't have a VGA port on your laptop? Visit Training & Support to find out what type of adapter is needed to connect your laptop.

Powering Down the Equipment
Press the POWER button twice on the EPSON remote control to turn off the LCD projector. The resident computer, document camera, and DVD/VCR combo unit must be powered off separately. Instructions for shutting down the computer are found below.

Be sure to remove any media from the equipment before shutting it down.

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**Powering Down the Resident Computer**

1. Open the Start Menu (click on the lower-left corner).

2. Click the "Shut Down" button.