**LY 312**

**No Optical Drive on Mac**

Please Note: This room's Mac does NOT have a DVD drive. If you are planning on playing a DVD, CD, etc., you will need to use the room's DVD or Blu-ray player.

**Need to access files saved on a DVD from the computer?** You can arrange for use of a portable optical drive by contacting the ITS Help Desk at ext. 8340.

Staff can also provide assistance outside of class time with moving files off a disc to D2L, Google Drive, etc. so you can access the files without needing to use a portable optical drive.

**Photos**

Click on any image below to zoom

**LY 312 seats 12 students.**

**LY 312 is equipped with one chalkboard.**

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**Lyons Hall 312 (Mac Lab) - Level 4 Classroom - Seats 26**

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<th>Equipment</th>
<th>Room Features</th>
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<td>Seats 26</td>
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<td>Ceiling-mounted LCD projector</td>
<td>Tables and chairs (non-movable)</td>
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<td>Macintosh computer</td>
<td>Light switches by door &amp; behind lectern</td>
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<td>Document camera (click here for more info)</td>
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<td>Blu-ray/VCR combo unit</td>
<td>Phone (wall-mounted behind lectern)</td>
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<td>Ability to connect a presenter's laptop (HDMI &amp; VGA)</td>
<td>Chalkboard (front wall)</td>
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<td>Motorized projection screen</td>
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**Powering Up the Equipment**

The equipment is controlled from the lectern using a Crestron Touch Panel Interface.

If the touch panel's screen is black, touch the screen to wake the display. When the Canisius Logo Screen appears, tap the screen and enter the required Access Code (83520).

After successfully entering the Access Code, the equipment will power-up and the Crestron will display the message “Please Wait...LCD Projector Warming-up.” Once the projector is ready, the Crestron will display the Main Menu, further identifying the function of the hard-buttons.
Screen and lighting controls, along with a phone, are located on the wall behind the lectern.

Projection Screen
Press the SCREEN button on the Crestron to display the appropriate touch-screen controls.

Touch-buttons are provided which allow you to raise and lower the projection screen. A wall plate for control of the screen is also located by the phone.

Projector Standby (PIC-MUTE)
Each source page (COMPUTER, LAPTOP, DOCUMENT CAMERA, BLU-RAY, VCR & AUX) has a Projector Standby button located in the lower left corner of the screen. Pressing this button once will place the projector in standby or pic-mute mode. While this mode is active, the button will flash. Simply press the button again to take the projector out of standby mode.

Volume
Press the VOLUME button on the Crestron to display the appropriate touch-screen controls. Volume up, down, and mute controls are provided.
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. LY 312 is equipped with an iMac, an all-in-one desktop computer. USB and firewire ports are located on the back of the computer. An additional USB port is found beneath the keyboard tray.

Once the computer has been powered up, press the COMPUTER button on the Crestron to display the appropriate touch-screen controls.

Click on the image below to zoom

![Volume Control](image1.png)

The power button is located on the back of the computer

**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 DOC CAM button on the Crestron to display the appropriate touch-screen controls.

Click on the image below to zoom
In addition, the document camera in this room can also be viewed on the iMac using the Image Mate software. Once you've logged on the resident computer, follow the steps below to display the document camera image:

- Open the Applications folder on the dock
- Click the Image Mate icon to launch the software

The document camera image should now appear on the screen. To view the image full screen click View and then Full Screen.

**Blu-ray or DVD Playback (via the Blu-ray combo unit)**
Press the OPEN/CLOSE button on the Blu-ray/VCR combo unit and insert your disc (DVD or Blu-ray) into the disc tray. Press the BLU-RAY button on the Crestron to display the appropriate touch-screen controls.
Touch-buttons are provided which allow you to control the Blu-ray player from the Crestron. The only time you ever touch the combo unit itself is to insert or eject your disc.

**VHS Playback (via the Blu-ray combo unit)**
Simply insert your tape into the Blu-ray/VCR combo unit and press the VCR button on the Crestron to display the appropriate touch-screen controls.

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<th>Click on the image below to zoom</th>
<th>Click on the image belo</th>
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<td><img src="image" alt="VCR" /></td>
<td><img src="image" alt="Touch-screen controls" /></td>
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The Blu-ray combo unit is in the rack

Touch-buttons are provided which allow you to control the VCR from the Crestron. The only time you ever touch the combo unit itself is to insert or eject your tape.

**Connecting a Laptop**
The cables needed for connecting a laptop computer are found on the instructor's lectern. The connection carries both video and audio. For more information see Selecting HDMI Audio Output. In addition to cables for connecting a laptop, a power outlet is also located on the side of the lectern for your convenience.

<table>
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<th>Using the VGA cable</th>
<th>Using the HDMI cable</th>
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<td>1. Plug the VGA cable into your laptop's VGA port.</td>
<td>1. Plug the HDMI cable into your laptop</td>
</tr>
<tr>
<td>2. Plug the Ethernet cable into your laptop's network jack (if needed).</td>
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</table>
3. Plug the audio cable into your laptop's headphone jack.

3. Press the AUX button on the Crestron.

4. Press the LAPTOP button on the Crestron to view the "Laptop" screen.

4. Press the "HDMI" touch-screen button on the "Aux Inputs" screen.

5. Turn on your laptop's power.

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

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

Use the external Audio/Video cables located on the instructor’s lectern to display images from a video camera or other external device; HDMI and composite audio/video cables are provided.

After connecting your device with the appropriate cables, press the AUX button on the Crestron to display the appropriate touch-screen controls.

Touch-buttons are provided which allow you to select your external device for playback in the room.

**Powering Down the Equipment**

Press the SHUTDOWN button on the Crestron to display the appropriate touch-screen controls. Press the green "YES" button to proceed with shutdown or the red "NO" button to cancel.

The resident computer and document camera are each 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.

**Powering Down the Resident Computer**

1. Open the Apple Menu (click on in the upper-left corner) and select "Shut Down...".
2. A dialog box will appear. Click the "Shut Down" button in the dialog box.