



IU Learning Spaces

Self-Serve Studio



What is it?

The Self Serve Studio allows a user to make studio-quality video recordings without need of a special operator, and with a number of advanced visual effects, including:

- **“Chromakey-less CG”**: weatherman-type chromakey effects without need of a special green screen.
- **“Handwriting Extraction”**: characters written on whiteboard or chalkboard appear superimposed over the semi-transparent instructor.
- **“Auto Tracking”**: camera auto-follows instructor as she walks about the room.



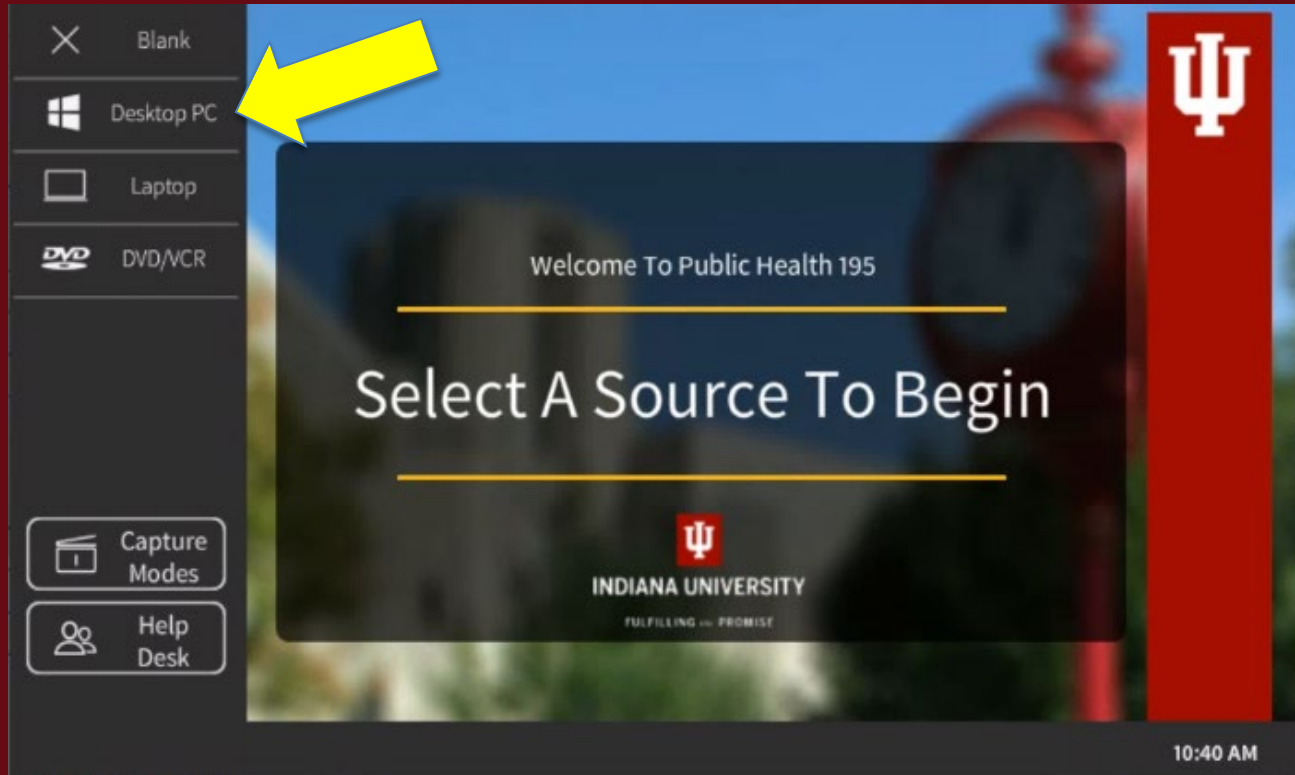
Self Serve Studio: Basic Workflow

1. Crestron panel: Select Desktop PC.
2. Log into PC, ready Powerpoint show and recording app (Kaltura).
3. Crestron: Select Capture Mode (Chromakeyless or Handwriting Extraction).
4. Start recording, minimize recording app, go into Slide Show mode.
5. Lecture.
6. Stop recording, type username, Save (auto uploads to Kaltura).



Illustrated Steps

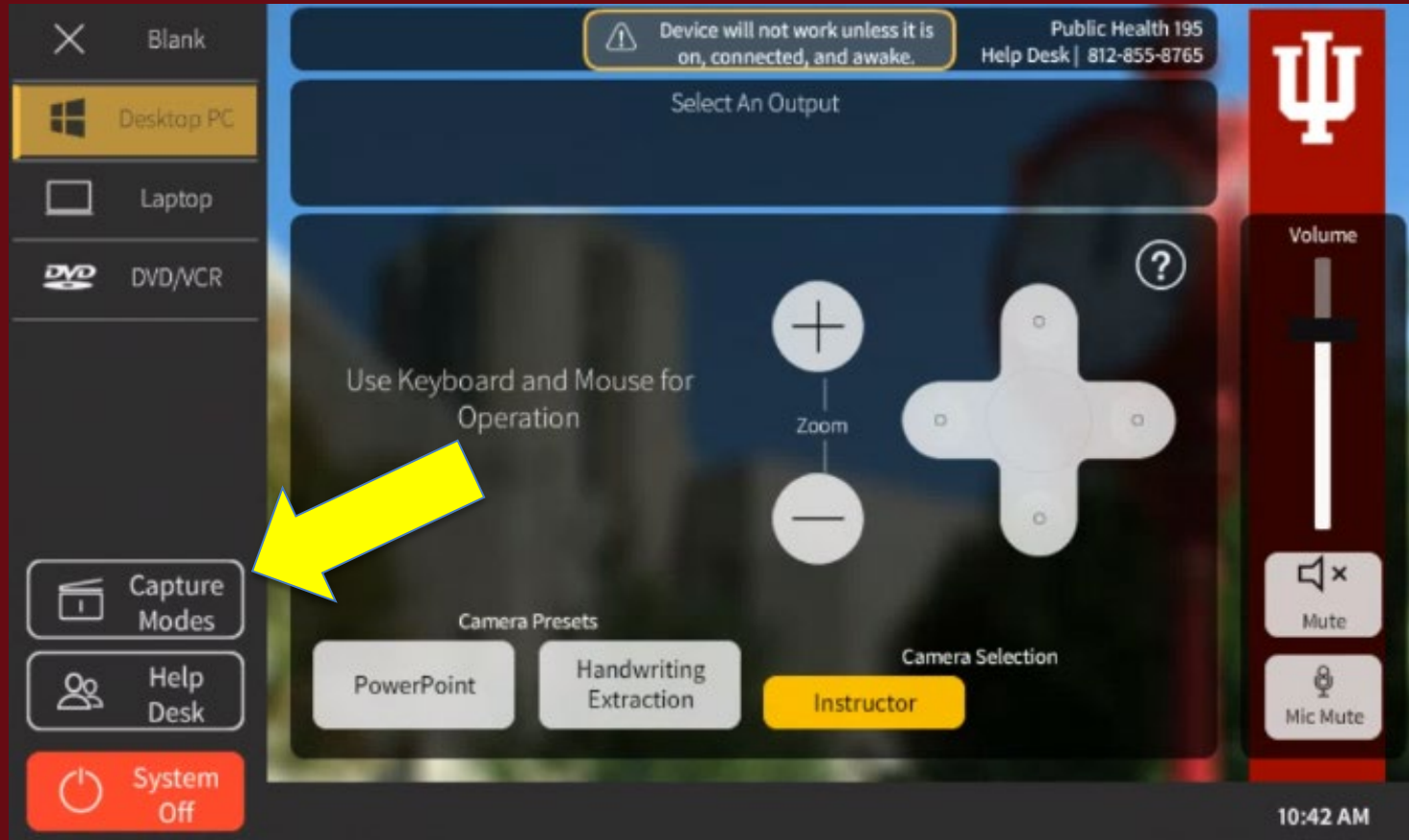
Crestron Panel: Select Desktop PC



Log into PC, ready Powerpoint, launch *Kaltura Classroom* app:



Crestron panel: Select Capture Modes...



Select Chromakey-less or Handwriting Extraction



Kaltura App: verify video and audio in preview

Video in Preview Pane

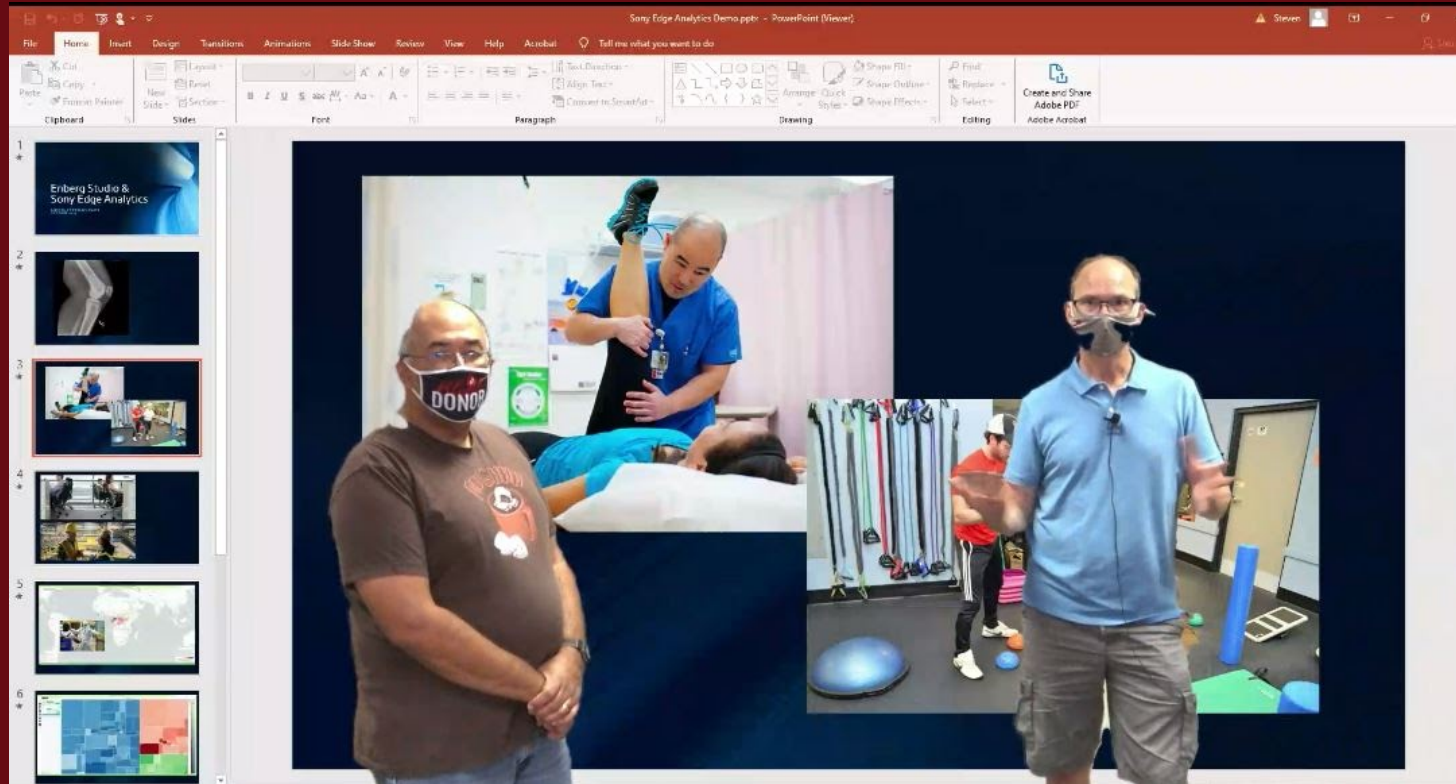


Audio meter moving up and down as you speak into microphone

Kaltura App: Start Recording, see countdown, minimize app



Start slideshow, step in front of camera, you are now keyed over your slides



When finished, return to Kaltura app and click Stop

The image shows a Kaltura Classroom recording interface. On the left, a PowerPoint presentation titled "Topics In Literature" is visible, featuring a red banner with the Greek letter Psi (Ψ) and the text "200 YEARS Academic Year 2020". The Kaltura interface on the right includes a "NEW RECORDING" button, a large red pause button, and a timer showing "00:09:26". A yellow arrow points to a small grey square button located between the presentation and the recording controls. The bottom of the screen shows a video feed of a person presenting, with a "Rotate 90°" button and a "Primary Input" label. The Windows taskbar at the bottom indicates the time is 4:53 PM on 1/20/2021.

Kaltura App: type recording title, username, click Save

The screenshot shows the Kaltura Classroom interface. At the top, the logo "KALTURA Classroom" is visible. Below the logo, there is a green checkmark icon and the text "Recording Complete". To the right of this, there are "Cancel" and "Save" buttons. The "Save" button is highlighted with a yellow callout labeled "3. Save". Below the "Recording Complete" section, there are three input fields: "Title", "User Name", and "Tags". The "Title" field contains the text "My Lecture Part 1" and is highlighted with a yellow callout labeled "1. Title". The "User Name" field contains the text "segyhazi" and is highlighted with a yellow callout labeled "2. Username". Below the "User Name" field, there is a dropdown menu showing "Steve Egyhazi (segyhazi)".

KALTURA Classroom

Kaltura Classroom re...

Recording Complete

Cancel Save

1. Title

Title

My Lecture Part 1

User Name

segyhazi

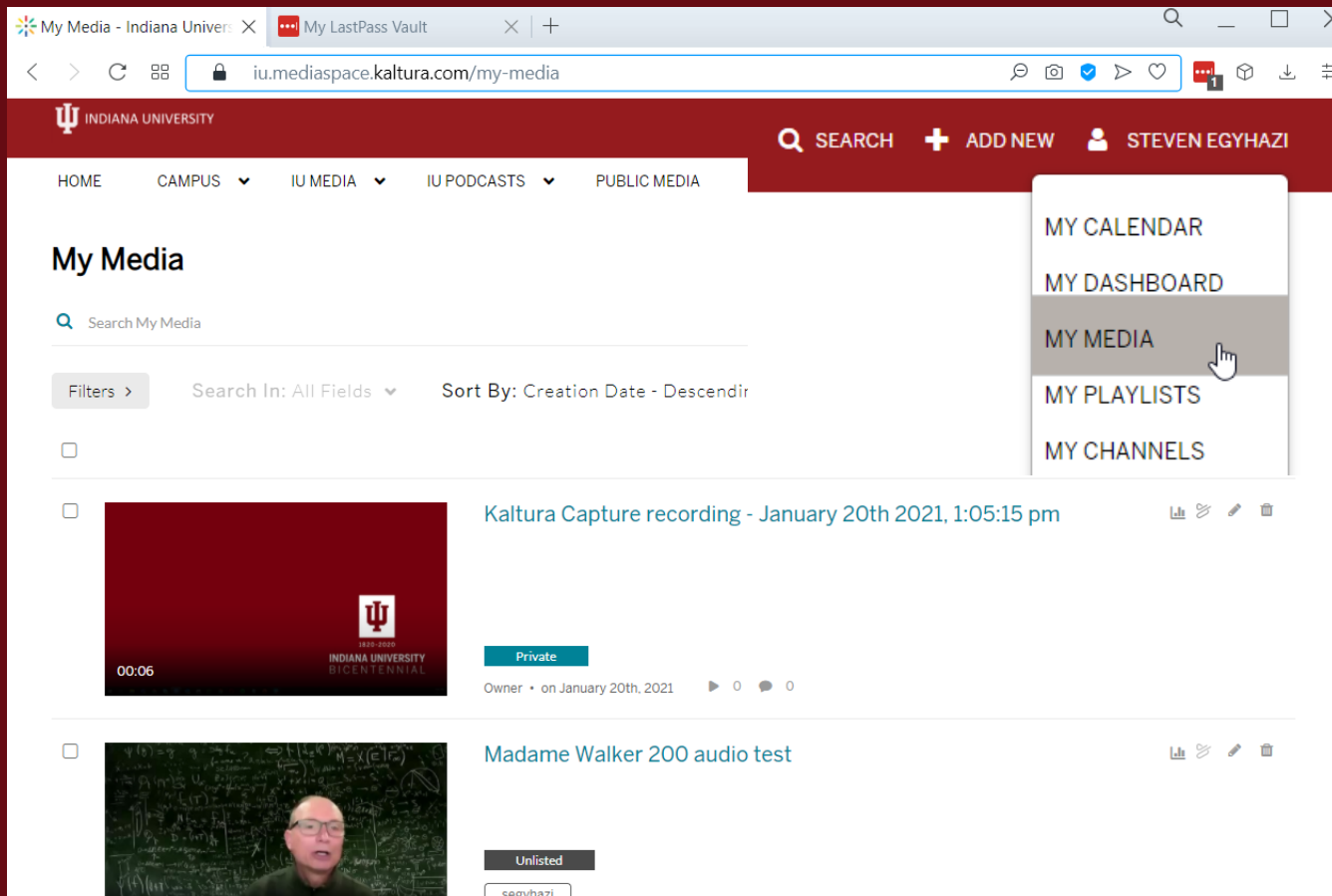
Steve Egyhazi (segyhazi)

2. Username

3. Save

Tags

Find recordings at kaltura.iu.edu > MyMedia

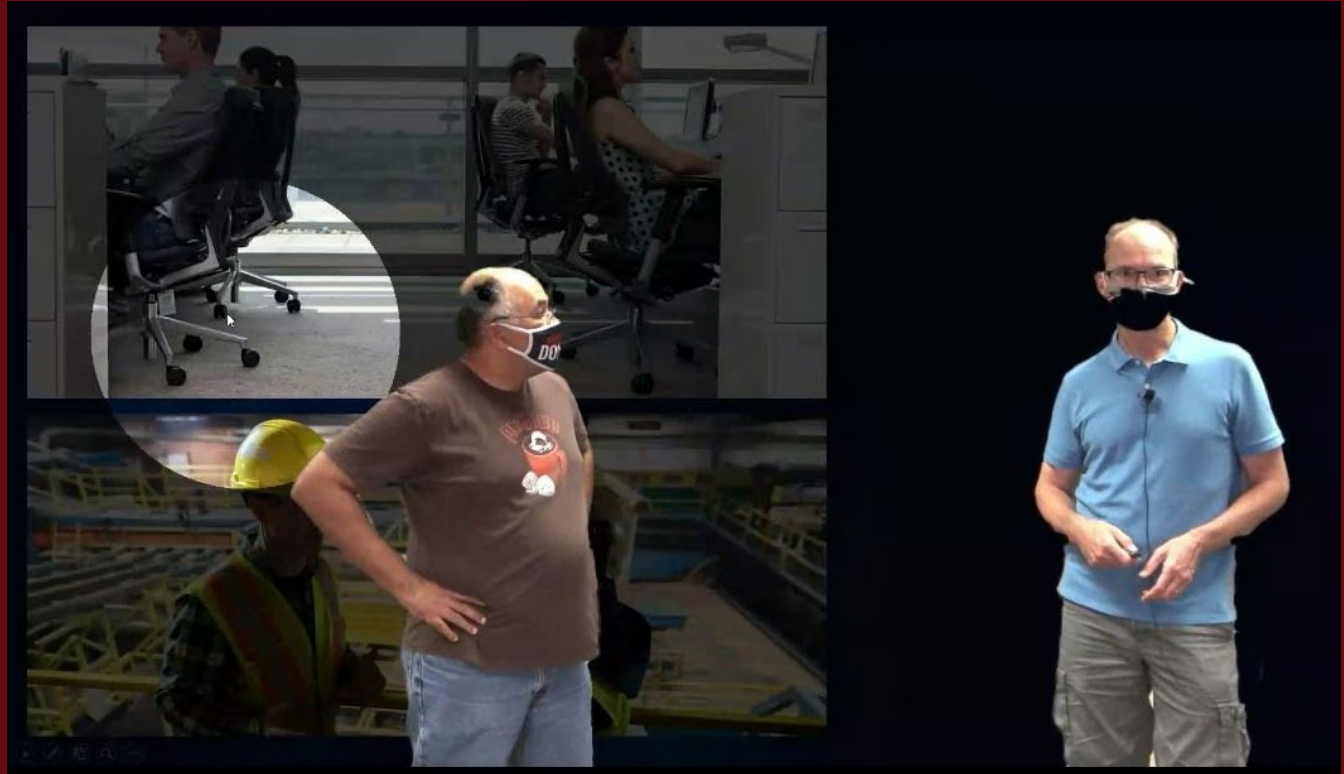


The screenshot shows a web browser window with two tabs: "My Media - Indiana University" and "My LastPass Vault". The address bar displays "iu.mediaspace.kaltura.com/my-media". The page header is red with the Indiana University logo and navigation links: "HOME", "CAMPUS", "IU MEDIA", "IU PODCASTS", and "PUBLIC MEDIA". A search bar and user profile "STEVEN EGYHAZI" are also present. A dropdown menu is open, showing options: "MY CALENDAR", "MY DASHBOARD", "MY MEDIA" (highlighted with a mouse cursor), "MY PLAYLISTS", and "MY CHANNELS". The main content area is titled "My Media" and includes a search bar, filters, and sorting options. Two media items are listed:

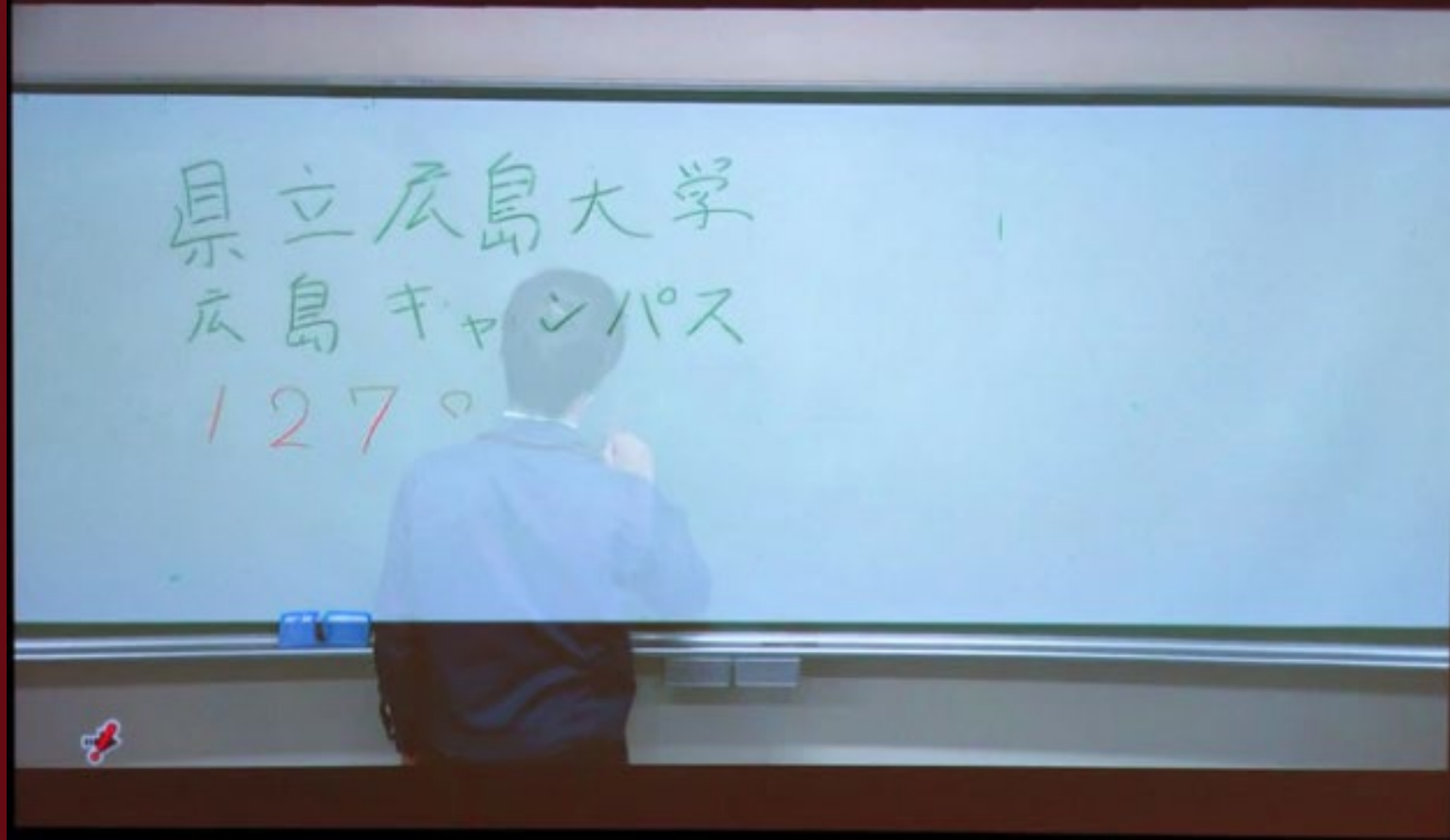
- Kaltura Capture recording - January 20th 2021, 1:05:15 pm**: A video thumbnail showing the Indiana University Bicentennial logo. The video is marked as "Private" and was created on January 20th, 2021.
- Madame Walker 200 audio test**: A video thumbnail showing a man speaking in front of a chalkboard with mathematical equations. The video is marked as "Unlisted" and the owner is "segyhazi".

Other Notables:

Use the Logi clicker to advance slides and “spotlight”



Example of Handwriting Extraction Mode:



Other Notes:

- There are a two lavalier style microphones in the lectern accessory drawer. Two microphones can be handy for in-studio interviews or co-presentations.
- The LCD monitor on the lectern is touch-enabled, so for instance, when you are in full screen Powerpoint mode, you can use the PPT Annotation tools (lower left corner of slide show when in full screen mode) to mark on your slides.
- You can plug your own laptop into the lectern's guest HDMI cable and use your laptop as the background source for the Chromakeyless CG mode. Note though that you must still use the lectern PC to *record*.
- The Kaltura recording app does have a pause button, so you don't necessarily have to stop a recording to catch your breath or to bring up a new Powerpoint deck etc... you can bring up the Kaltura app, pause the recording, gather your thoughts, then unpause and continue.



Other Notes (Continued):

- It is possible to do live Zoom meetings (or Teams, Google Meet etc) using the Self Serve Studio PC. Be aware of these limitations:
 - If you've selected Chromakeyless CG mode and you display the remote Zoom participants full screen, the remote participants will see you keyed over (standing in front of) their *own* image. This can be disconcerting to the remote participants. Therefore we recommend minimizing Zoom on your PC so that the remote participants are just a small pane on your own screen.
 - In Zoom, you typically use Zoom's Share Screen button to show the computer screen. Using Zoom's Share Screen is unnecessary in the Self Serve Studio because your desktop PC image is *already being shown* (with you keyed over it) to the remote participants, as your "camera" image.
 - If you are using Zoom for the first time on the Self Serve Studio PC, make sure you go to Video Settings > Camera menu and select HD to send the highest possible camera resolution to the Zoom meeting.

