

Echo360 Universal Capture: Personal – Home/Office Fall Faculty Ramp Up 2020 - Virtual

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Colorado State University

Echo360 Universal Capture: Personal – Home/Office

- Would you like to create Echo360 videos from your home or office this Fall, including live streaming if desired? Join this session to find out more about Echo360 Universal Capture: Personal
- Our goal is to help answer your questions and give you the basic knowledge about using Echo360 Universal Capture: Personal from home or office.



Agenda

- What is Echo360 Universal Capture: Personal?
- How does it work, and how to present, live stream, and record?
- Best Practices for Echo360 Universal Capture
- What do students see when viewing Echo360 recordings?
- What does it do to help students and faculty?



What is Echo360 Universal Capture?

- Echo360 Universal Capture is a great software program that you can install on your PC, Mac laptop or desktop computer at home, or in your offices.



- Echo360 software allows instructors to record lectures from their home or office.

Three Components for Lecture Capture

1. Video

- Via a Video Camera such as a web cam



Three Components for Lecture Capture

2. Audio - Recorded with a microphone:



Three Components for Lecture Capture

3. Screen Capture

- Your Display
 - PowerPoints
 - Websites
 - PDF's
 - Whatever you are sharing on your device



Echo360 Universal Capture

- Install software on your own computer
 - PC or Mac – home or office
- Records camera, mic and computer screen - camera is optional

1. Log into your **Echo360 Account:**

echo360.org/

a. 

Enter email


b. 

Email

marianne.bauer@colostate.edu
marianne.bauer@colostate.edu
Marianne.bauer@colostate.edu

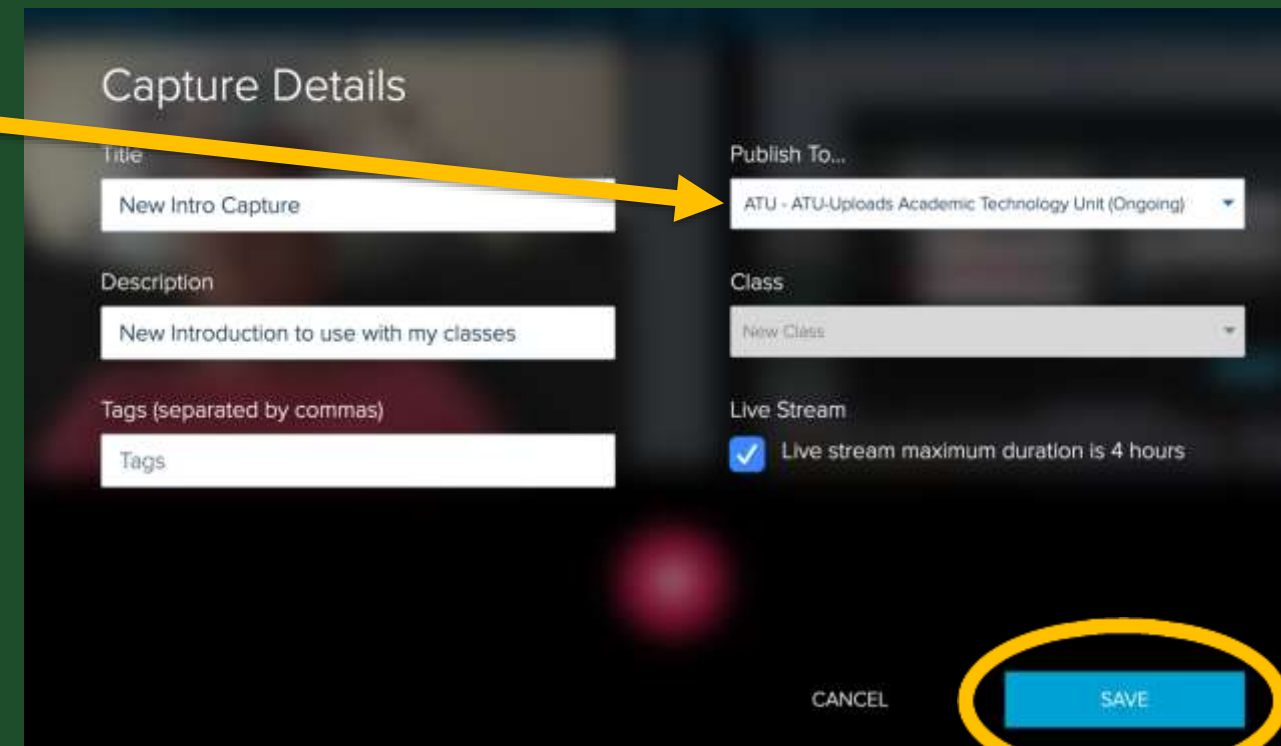
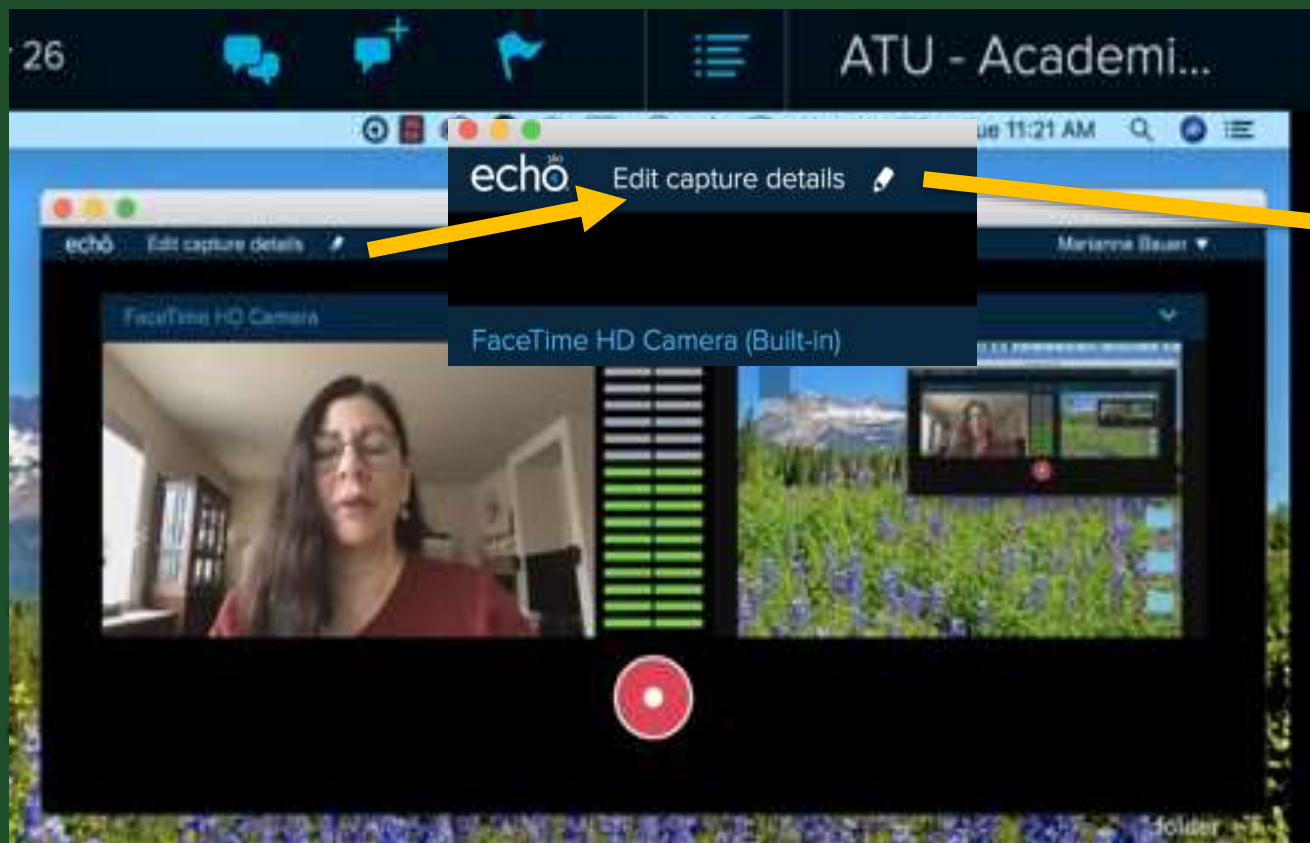
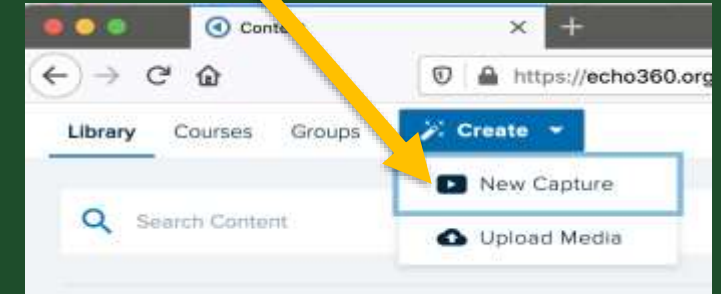
2. Under the **Create** button, select **New Capture**.



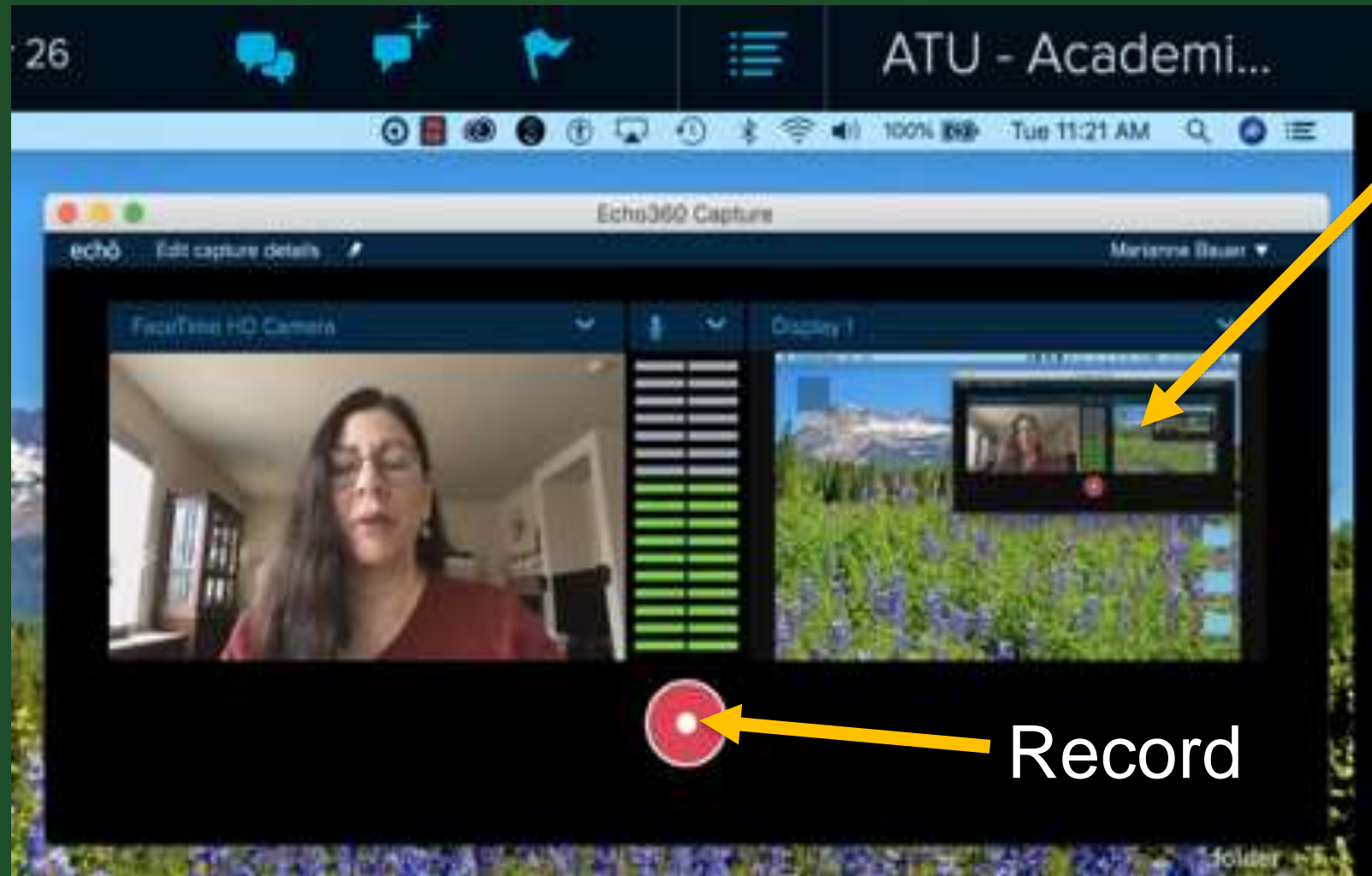
- a. First time users will be redirected to the install website. Install Echo360 Universal Capture: Personal on your device.
- b. For current users tap the **New Capture** button to launch The Echo360 Universal Capture app on your device.
- c. You can also just launch the app by locating the Echo360 icon  and launching your app.

Launch Echo360 Universal Capture

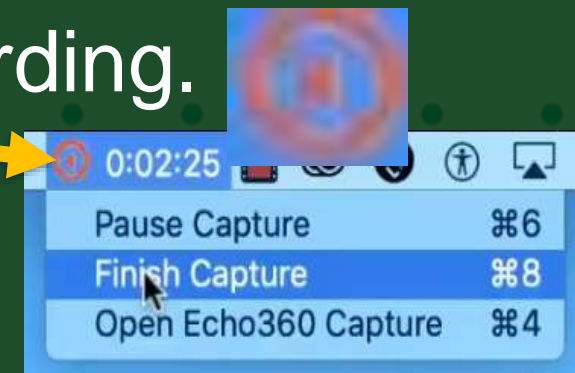
- While logged into Echo360.org - Create/New Capture
- **Edit Capture Details** right away to publish to a specific **Course and Section**, or to your **Library**



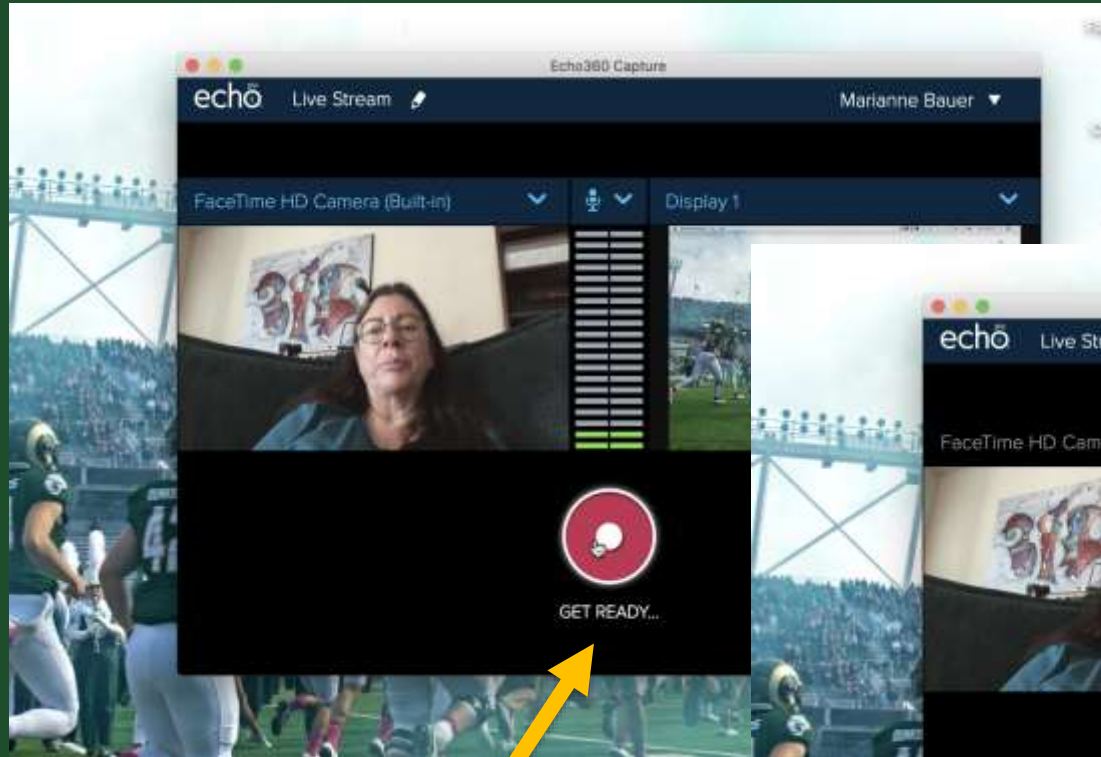
Recording in Echo360



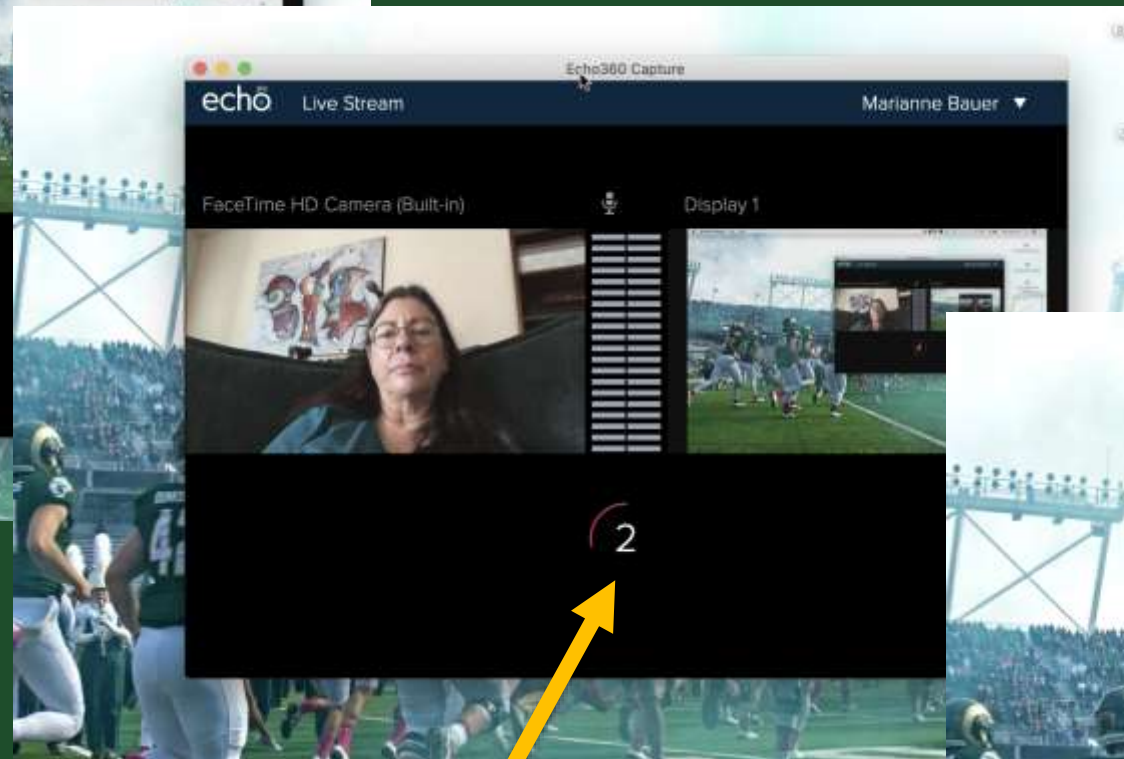
Your Display will show your desktop. Tap the red button to start recording. Once recording the Echo Capture box disappears. Just a small icon remains to stop recording.



Recording in Echo360

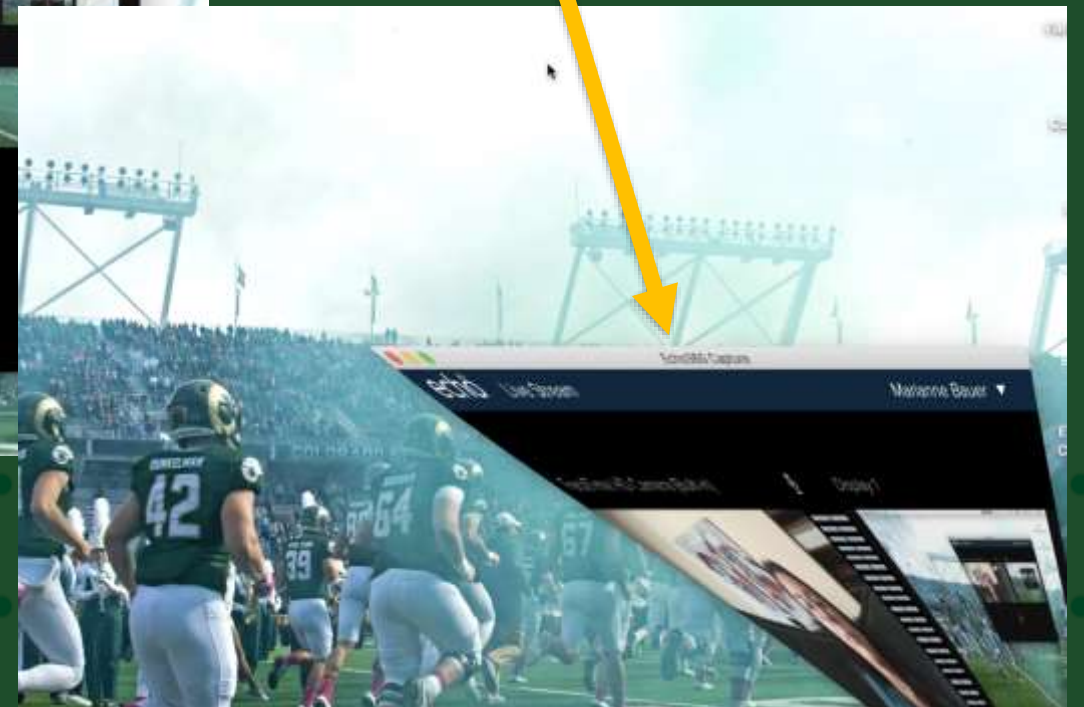


Get Ready



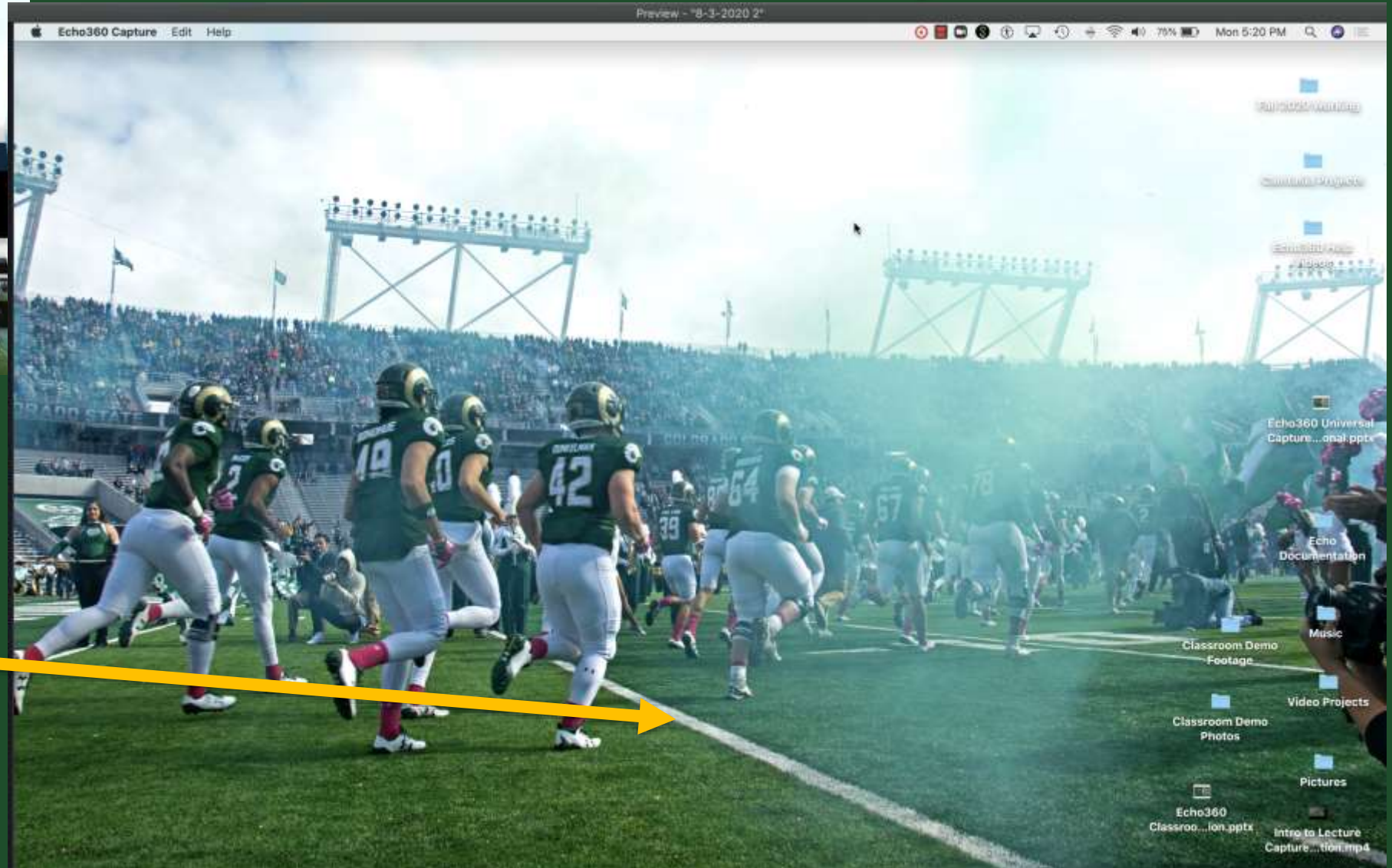
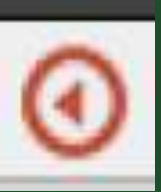
Count Down 3, 2, 1

Echo Box Collapses out of the way



Recording in Echo360

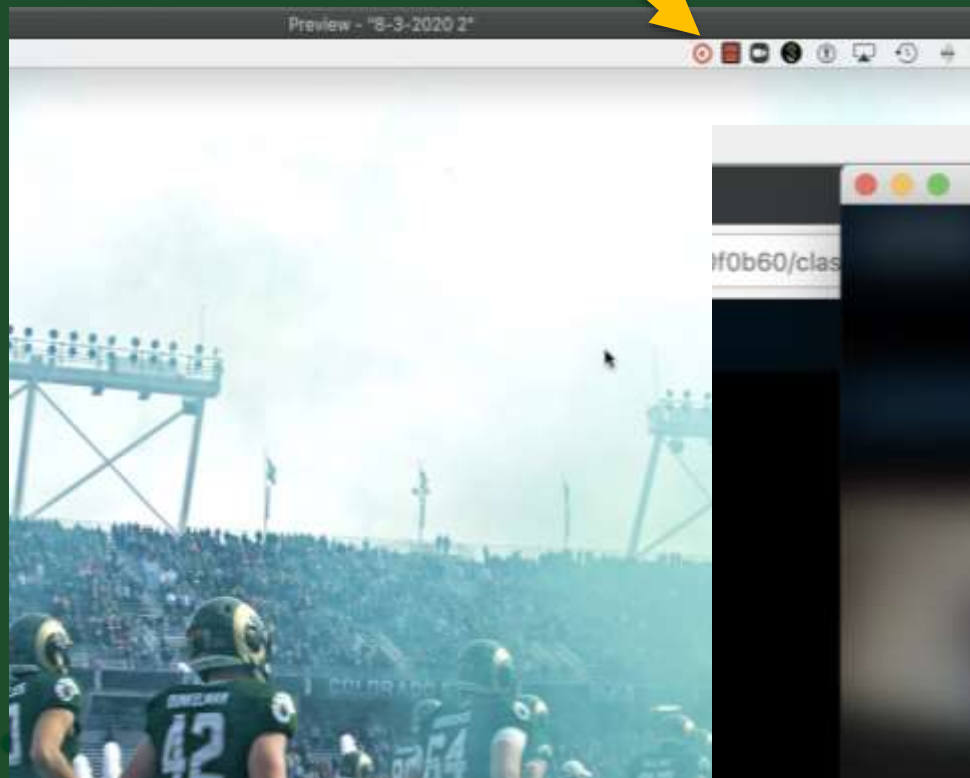
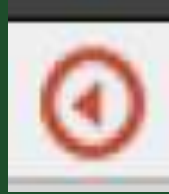
Record Icon



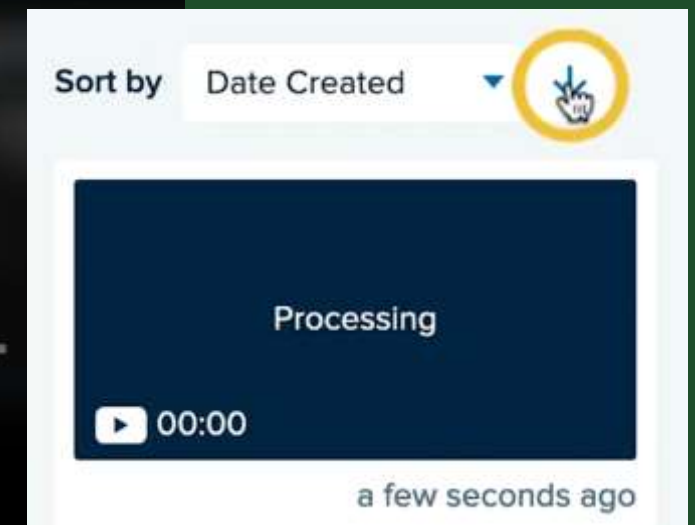
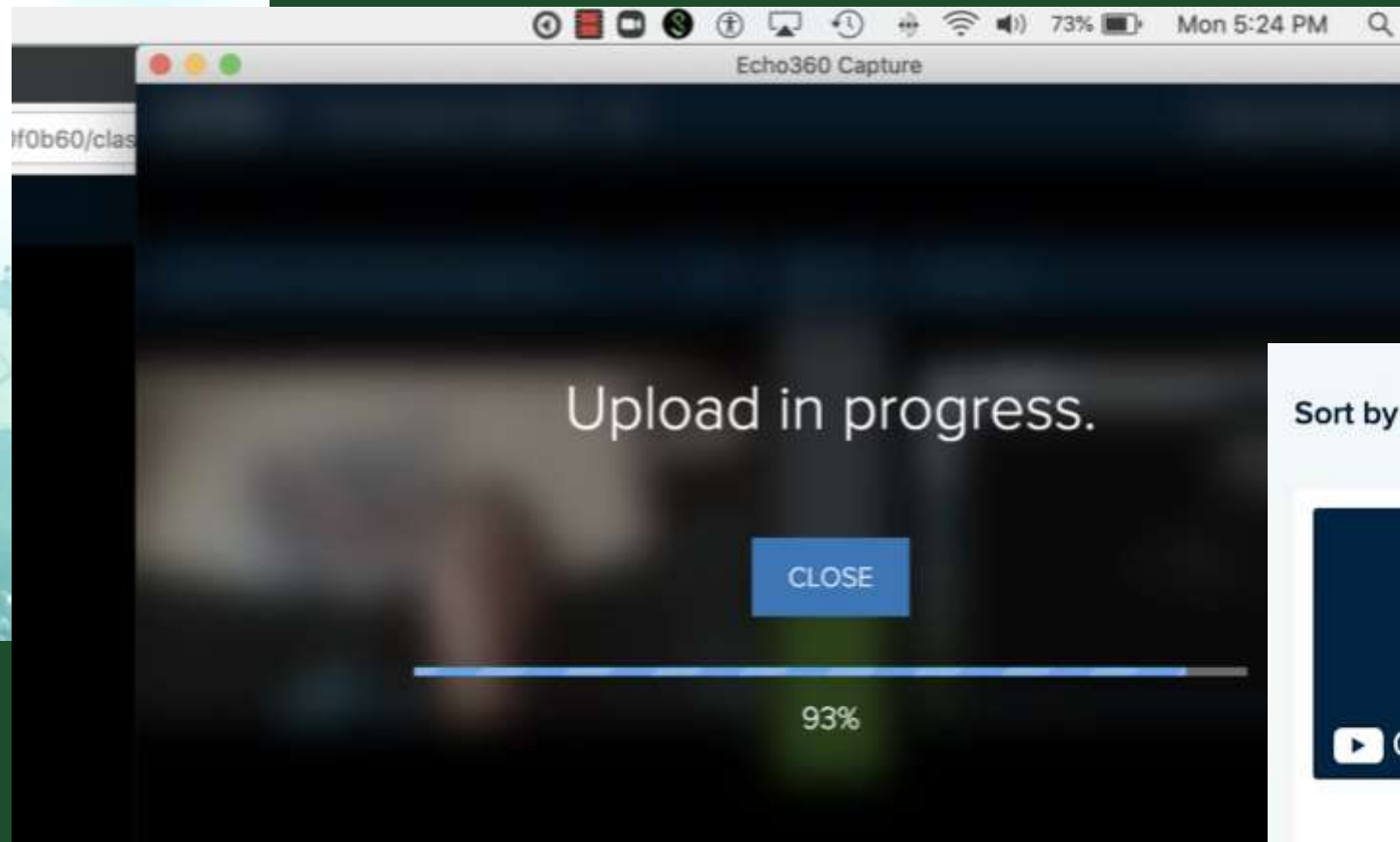
Your desktop is now being recorded.
Launch your PP, etc.

Recording in Echo360

Tap Record Icon
when finished

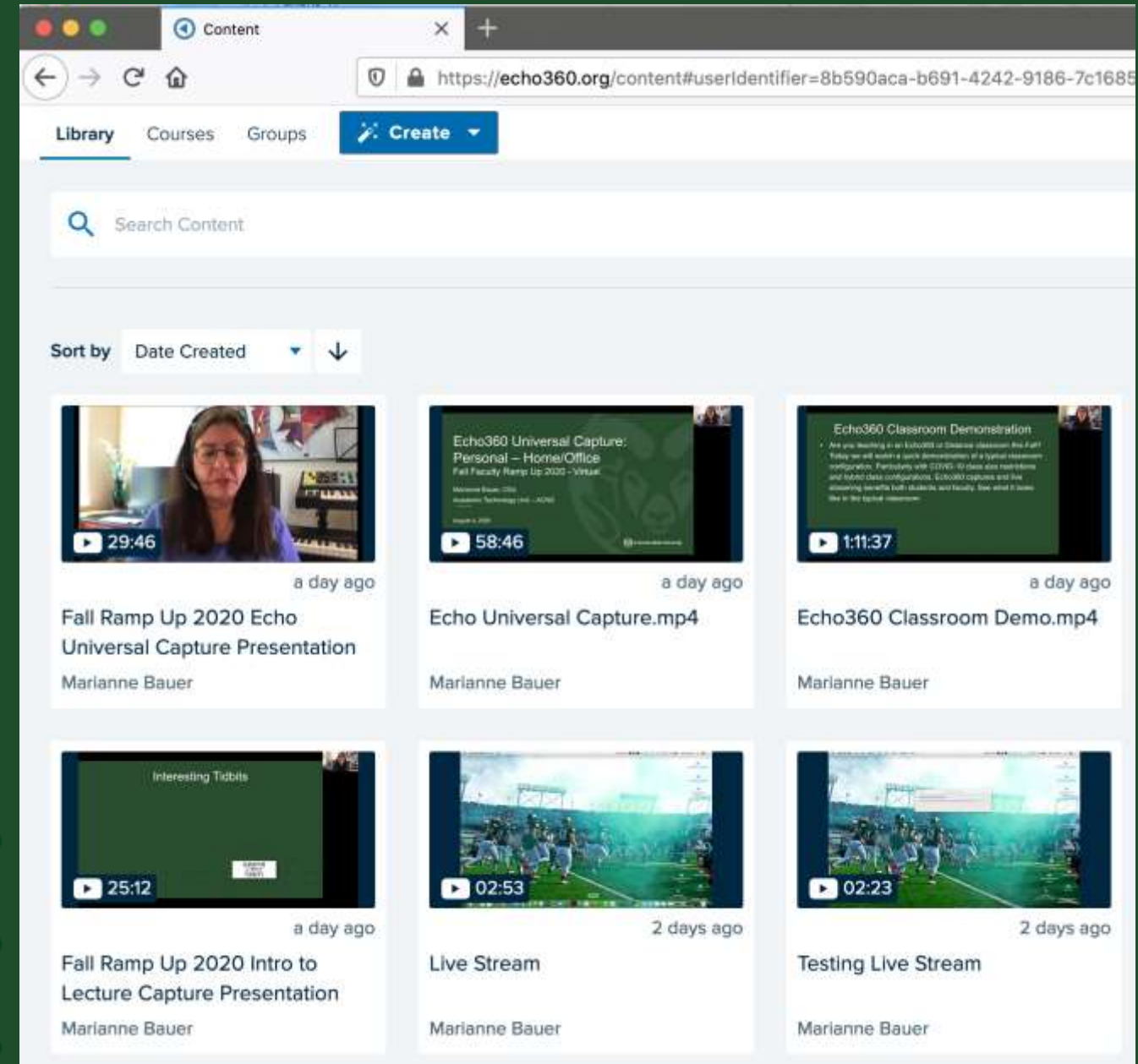
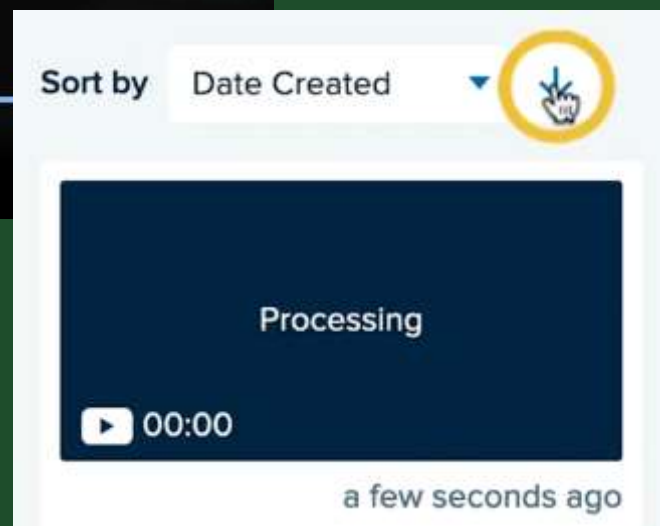
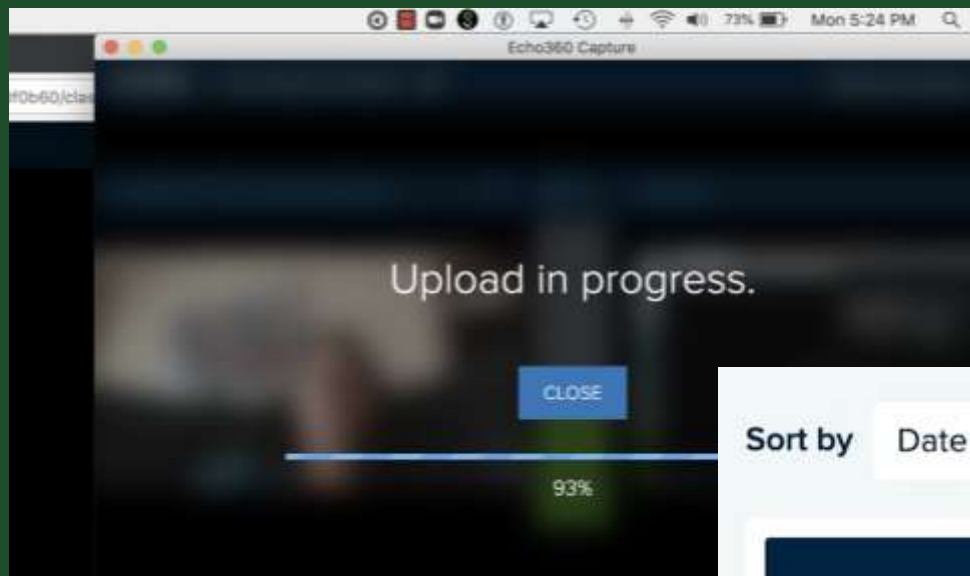


Recording automatically uploads to your Course, or Library. Allow time for processing:
15 min recording = 30 min processing



Recording in Echo360

Video shows up in Library and/or Course when processing is finished.



Best Practices for Echo360

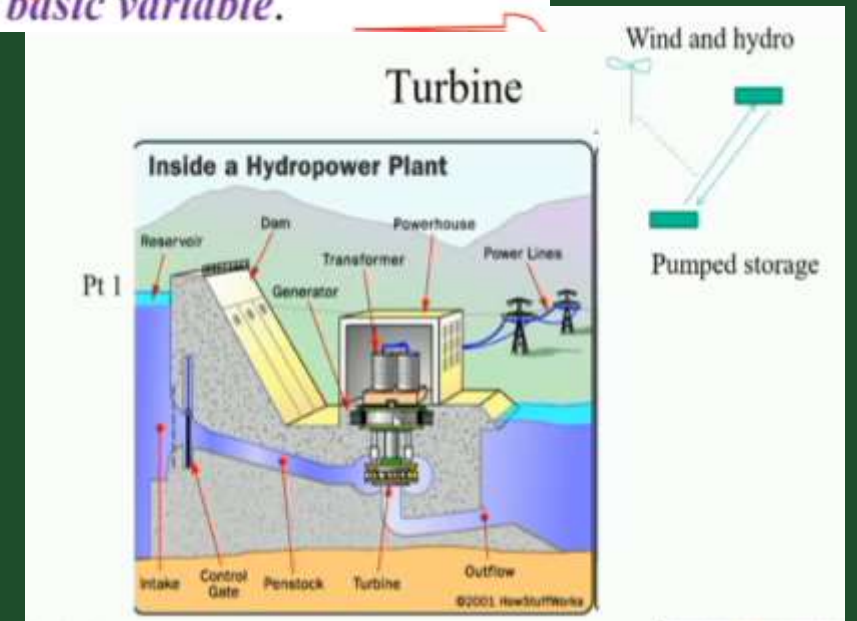
- Audio
 - Best quality comes from a mic plugged into your computer
 - If you use a Laptop mic, turn speakers down or wear headphones to avoid feedback
 - Test ahead of time on small short videos to know what you are getting
 - Listen at volume at 50% to assess quality

Best Practices for Echo360

- Screen/Slides
 - Use a large font, 24pt or above - This is 40 point
 - Use High Contrast colors
 - Limit to seven lines of text or start a new slide
 - Include pictures and graphics as much as possible to help communicate your content

Pricing Out—Improving Solution

- Finding the **most negative** component c_f of reduced costs \hat{c}_N called **pricing out**.
- Increasing corresponding component x_f of x_N causes z to further **decrease**; x_f becomes *new basic variable*.



Best Practices for Echo360

- Camera/Video
 - Use close up shot when you can so students can get to know you
 - Avoid backlit and messy backgrounds
 - Turn on home/office lights for best camera shot
 - Look up at the camera to include the live streaming and Online students



Example of What Students See

DCE-DotsonJ Administrator
2017FA-CIVE-544-001

2017-FALL-Term

2017FA-CIVE-544-001: Water Resources Planning a...

[Edit](#) [Settings](#)

Course Status: Unpublish Published

[Import from Commons](#)

[View Course Stream](#)

[New Announcement](#)

[View Course Analytics](#)

Coming Up [View Calendar](#)
Nothing for the next week

Home

- Announcements
- Assignments
- Conferences
- Discussions
- Grades
- Modules
- Pages
- People
- Quizzes
- Syllabus
- Echo360
- Collaborations
- Files
- Outcomes
- Settings

Water Resources Planning Images:

- Hydrological cycle diagram showing precipitation, snowpack, runoff, infiltration, groundwater flow, and ocean.
- City skyline (New York City) reflecting in water.
- Hand holding a globe of the Earth with water splashing.
- Slum area with dense, informal housing.
- Mountain lake with turquoise water and surrounding mountains.

Example of What Students See

The screenshot displays the Canvas LMS interface for a course. The top navigation bar includes 'Save Edits', 'Dashboard', 'Library', and 'Courses'. The course title is '2017FA-CIVE-544-001: Water Resources Planning and Management'. The left sidebar contains navigation options: Home, Announcements, Assignments, Conferences, Discussions, Grades, Modules, Pages, People, Quizzes, Syllabus, Echo360 (highlighted), Collaborations, Files, Outcomes, and Settings. The main content area shows a list of classes for 'CIVE 544 - 801 - Neil Grigg Water Resour...'. The table below lists the classes with their respective dates and times.

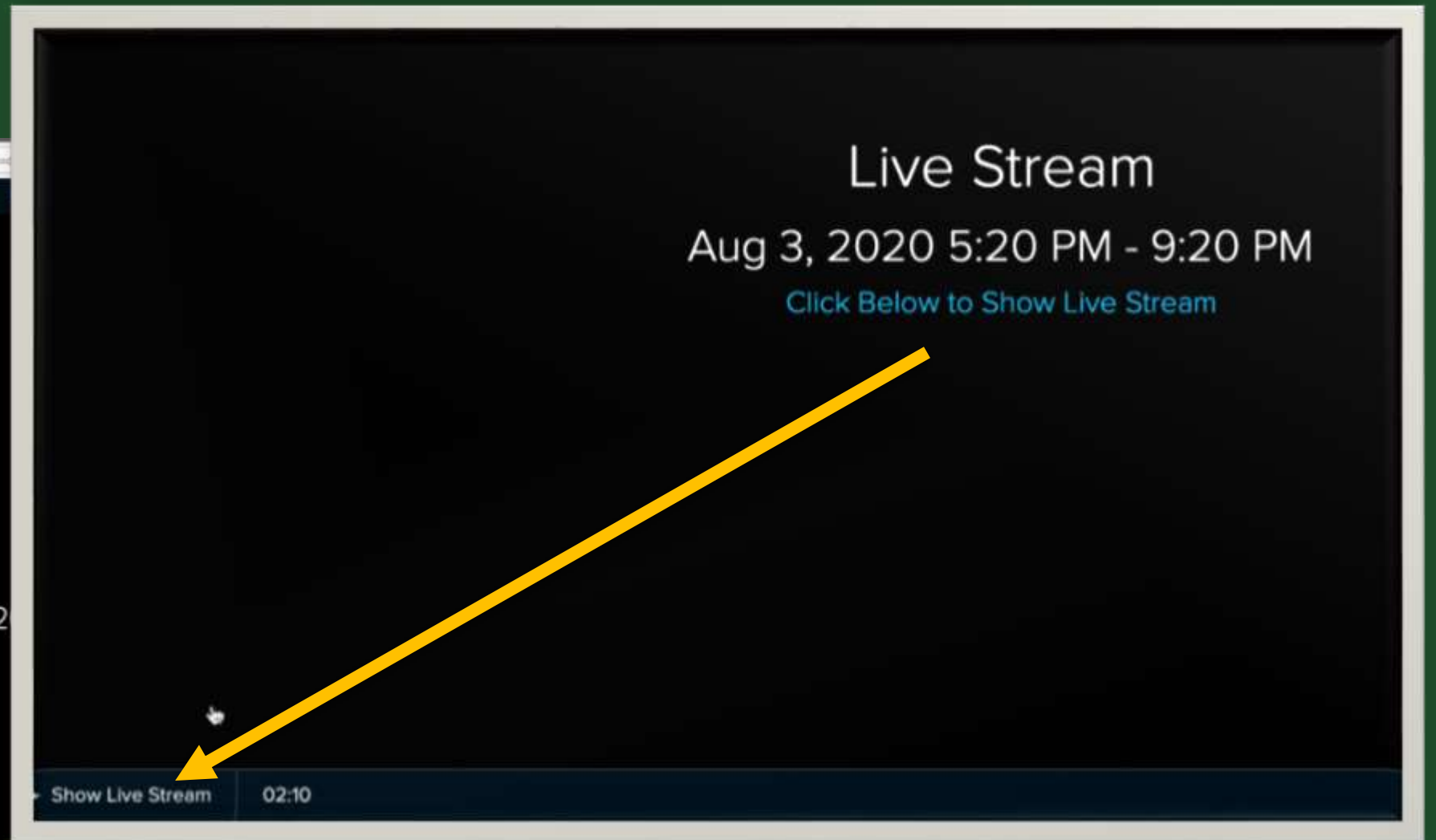
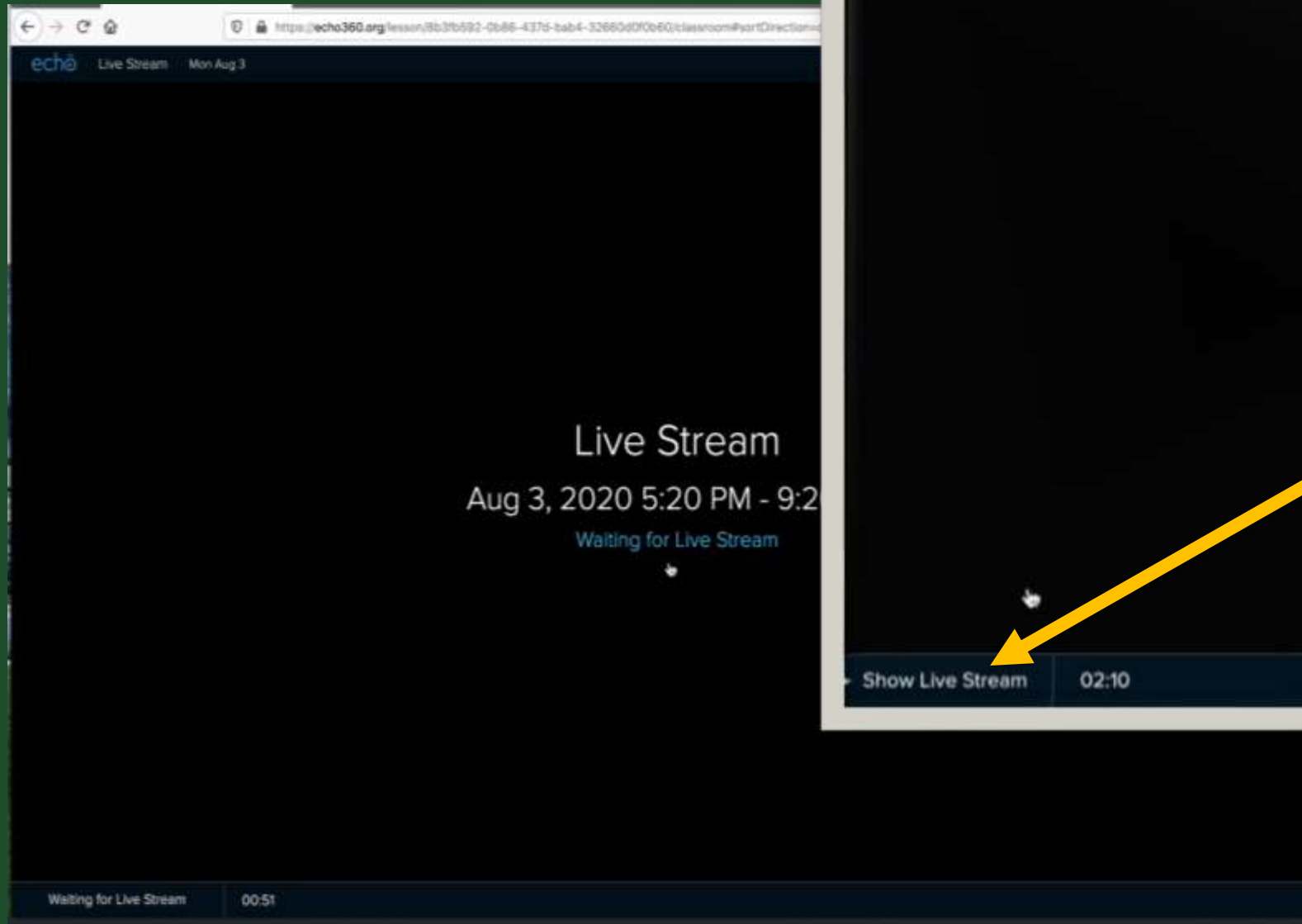
Class Name	Date	Time	Actions
CIVE 544-801 - Neil Grigg	December 8, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	December 6, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	December 4, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 29, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 27, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 17, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 15, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 13, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 10, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 8, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]
CIVE 544-801 - Neil Grigg	November 6, 2017	1:59pm-2:51pm	[Icons: Eye, Plus, Chat, Lock, Edit, Delete]

Example of What Students See

The screenshot displays the Echo360 web interface. At the top, there is a navigation bar with 'Library', 'Courses', and 'Groups' menus, and a 'Create' button. Below this, the page title is 'ATU - ATU-Uploads Academic Technology Unit'. A search bar and 'REORDER' button are on the left, while 'NEW COLLECTION' and 'NEW CLASS' buttons are on the right. The main content area is a table of classes with columns for title, date, and time. A yellow arrow points from the 'Live Stream' button in the bottom left to a 'Stream LIVE' button in a pop-up window. The pop-up window also shows a 'upload - Add to a Class' button.

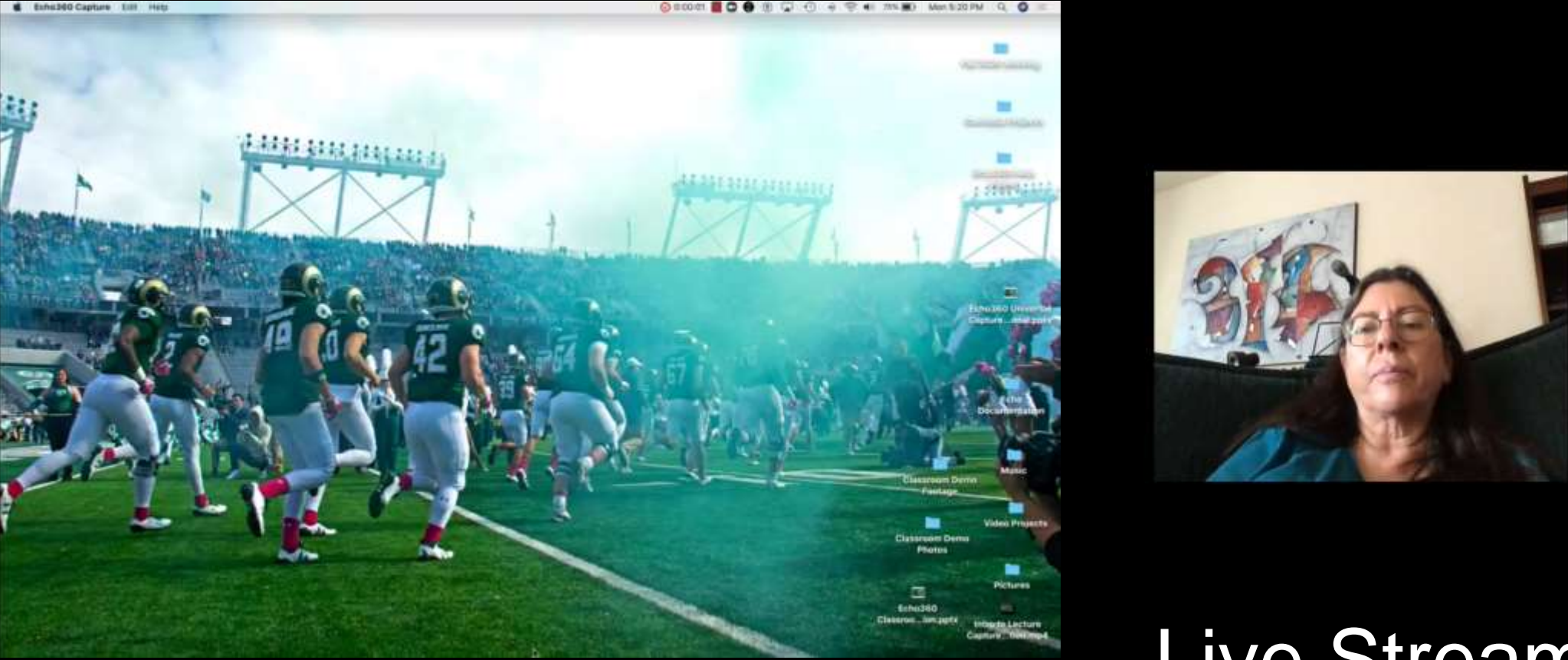
Class Title	Date	Time	Stream	+	🗨️	📺	✏️	🗑️
Uninstalling Echo Personal Capture (PCap) Software	March 1, 2020	3:48pm-4:48pm	🟢	+	🗨️	📺	✏️	🗑️
Install Echo360 Universal Capture for your Desktop or Laptop Recordings	March 1, 2020	4:07pm-5:07pm	🟢	+	🗨️	📺	✏️	🗑️
Request Echo360 Semester Recordings and Universal Capture Intro	March 10, 2020	12:08am-1:08am	🟢	+	🗨️	📺	✏️	🗑️
How to use Echo360 Universal3-17		12:25am-11:28am	🟢	+	🗨️	📺	✏️	🗑️
How to Use Echo360 Universal Capture		12:00am-8:00am	🟢	+	🗨️	📺	✏️	🗑️
Link Echo360 to Canvas Section		12:27pm-3:27pm	🟢	+	🗨️	📺	✏️	🗑️
Editing Echo360 Videos		7:14am-8:14am	🟢	+	🗨️	📺	✏️	🗑️
Test live stream		11:46am-11:47am	🟢	+	🗨️	📺	✏️	🗑️
ATU-Echo360 Faculty Demonstration Video		12:00am-11:32am	🟢	+	🗨️	📺	✏️	🗑️
Testing Live Stream		5:13pm-5:15pm	🟢	+	🗨️	📺	✏️	🗑️
How to upload - Add to a Class - Create Links in Echo360	April 1, 2020	4:23pm-5:23pm	🟢	+	🗨️	📺	✏️	🗑️

Example of What Students See



Example of What Students See

echo Live Stream Mon Aug 3 ATU - Academic Technolog...

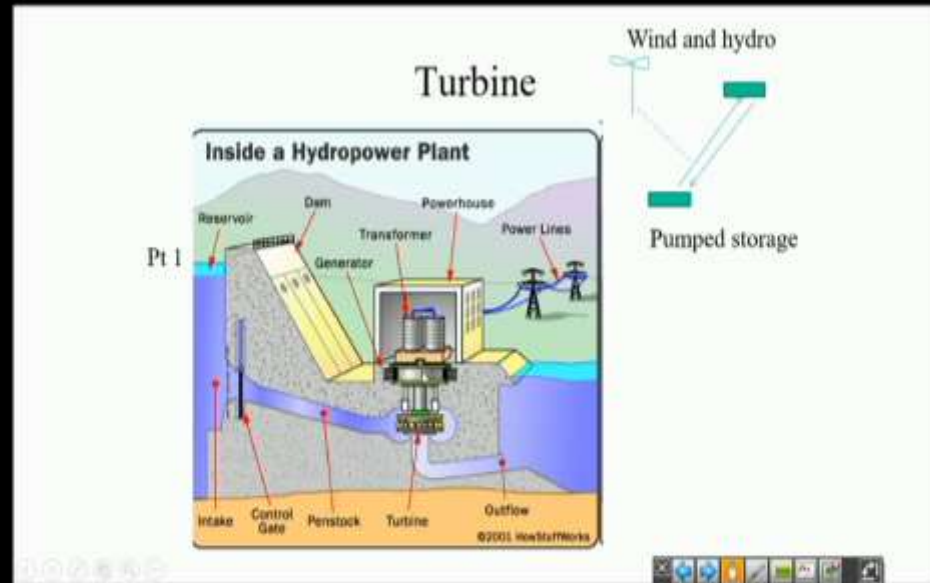


The screenshot displays a live stream interface. The main video area shows a football game in progress on a field, with players in dark jerseys and white pants running. The stadium is filled with spectators. A smaller video feed in the bottom right corner shows a woman with glasses and dark hair, likely the instructor, in a room with a colorful abstract painting on the wall. The interface includes a top navigation bar with the 'echo' logo, 'Live Stream', and the date 'Mon Aug 3'. The bottom of the screen features a video player control bar with a play button, a progress indicator showing '02:29 / 02:53', and icons for 'Sources', 'CC', settings, and a full-screen button.

Live Stream

Example of What Students See

Pre-Recorded Lectures



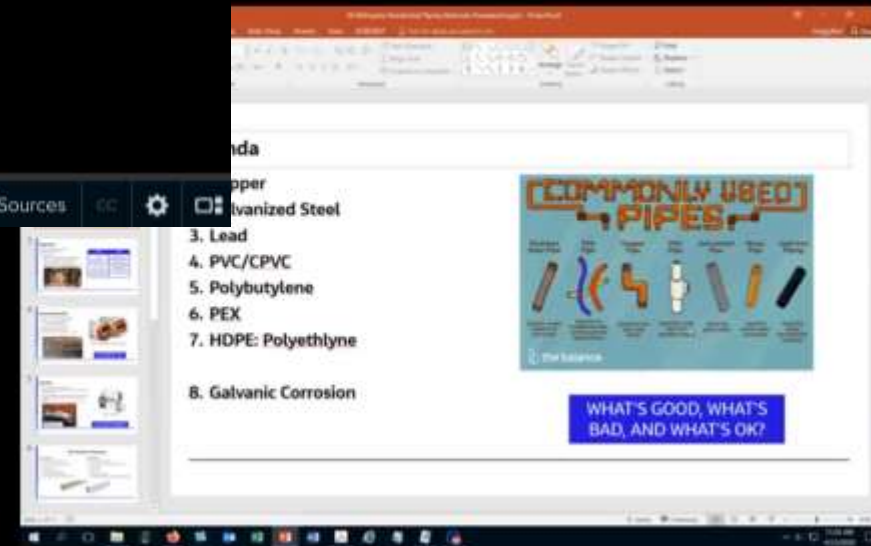
Fri Apr 24

CIVE 571 - Pipe System Eng...

Post Covid-19

Pre Covid-19

36:17 / 49:11



Example of What Students See

BZ311 Lecture 34:
Plant Embryogenesis

"The flower is the poetry of reproduction. It is an example of the eternal seductiveness of life."
Jean Giraudoux

00:00 / 16:48

Simple whiteboarding

echo

Voice Over PP

51:12 / 1:10:29

How do I Lecture Capture?

- For Fall 2020, all classes scheduled in Banner will automatically have an Echo360 Course and Section created, and faculty assigned.
- All sections scheduled in an Echo360 Enabled Classroom will automatically have their Recording Scheduled created
- Faculty who do not wish to record can choose to do nothing, or they can Opt Out for:
 - Cancel recordings for all their classes
 - Cancel recordings for only specific classes

See: <http://help.echo.colostate.edu>



How Does Lecture Capture Benefit Students?

- Students can watch at their own speed
- Students can re-watch content
- Canvas integration
- Echo360 Collaborative Tools
 - Students can take notes via the Echo360 interface
 - Students can “bookmark” specific areas of recordings
 - Students can participate in discussions via Echo360 interface
 - Students can indicate “areas of confusion”



canvas

How Does Lecture Capture Benefit Students?

- Viewing via Echo360 mobile app
- Helps students with different learning styles
- Helps international and ESL students
- Adds value to the course
- Reduce impact of sick days and absences
- Use of electronic data feed is more visible than whiteboard
 - Doc cam, Computer screen, or what is being projected



What's in it for me?

- Students will like you more
 - Univ. of Toledo Trigonometry class study
 - Failure rates decreased from 28% to 4%
 - COVID – 19 restricted students will have the opportunity to watch your lectures and keep up with your classes
 - Hybrid taught classes will allow students to watch a lecture live one day, and on line another day, allowing for smaller class sizes, to meet social distancing requirements.

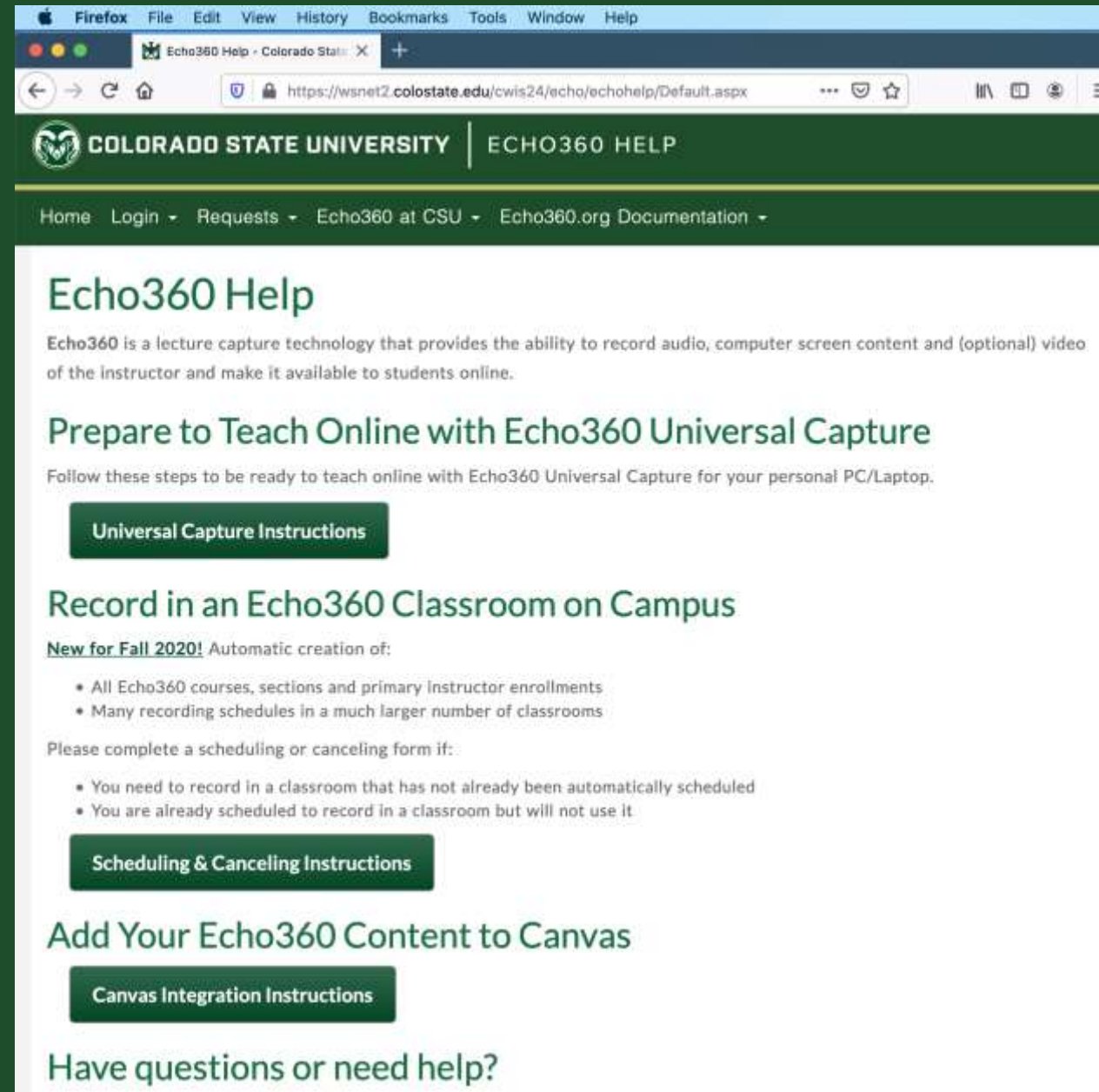
What's in it for me?

- You will have access to viewer analytics
 - Are students watching your recordings?
- You can use data and student questions to inform instruction
 - Note taking, confusion flags, discussions, bookmarks, transcripts, (Closed Caption available at a fee for disabilities.)
- Your courses are archived for future use
- You can record from home or office at your convenience 24/7

What's in it for me?

- Professional conference? Out for a week?
 - Pre-record
 - Use last term's recordings
- Evaluate your own video performance
 - Watch and listen
 - Evaluate visuals and content
 - Media professionals do this daily to improve their presentation

http://Help.Echo.Colostate.edu



The screenshot shows a web browser window with the address bar displaying `https://wsnet2.colostate.edu/cwis24/echo/echohelp/Default.aspx`. The page header includes the Colorado State University logo and the text "ECHO360 HELP". A navigation menu contains links for Home, Login, Requests, Echo360 at CSU, and Echo360.org Documentation. The main content area features a large heading "Echo360 Help" followed by a paragraph explaining the technology. Below this are three main sections, each with a heading and a list of bullet points, and a corresponding button:

- Echo360 Help**
Echo360 is a lecture capture technology that provides the ability to record audio, computer screen content and (optional) video of the instructor and make it available to students online.
- Prepare to Teach Online with Echo360 Universal Capture**
Follow these steps to be ready to teach online with Echo360 Universal Capture for your personal PC/Laptop.
[Universal Capture Instructions](#)
- Record in an Echo360 Classroom on Campus**
New for Fall 2020! Automatic creation of:
 - All Echo360 courses, sections and primary instructor enrollments
 - Many recording schedules in a much larger number of classroomsPlease complete a scheduling or canceling form if:
 - You need to record in a classroom that has not already been automatically scheduled
 - You are already scheduled to record in a classroom but will not use it[Scheduling & Canceling Instructions](#)
- Add Your Echo360 Content to Canvas**
[Canvas Integration Instructions](#)

Have questions or need help?

Resources

- <http://help.echo.colostate.edu>
<http://echo360.org>
- <http://help.echo360.org/>
- Email – echo360help@colostate.edu
 - Marianne.Bauer@colostate.edu
 - Ed.Gudemann@colostate.edu

Questions?



Thank you



Colorado State University

