



## Video tips to think about before we begin

Do what works for you.

Set-up a (semi)-permanent recording area.

Make folders for projects, graphics, and audio files.

If you make a mistake, don't stop. Pause, do the last bit over and keep going.

Prefer to use a wired audio input or a hi-quality mic.

Write down the first two sentences of your narration.

Make lots of videos.

Do what works for you.

# Teaching with Videos

*Tips to Create, Use, and Manage Videos in your Course*

J. Matthew Osment  
matto@email.unc.edu  
[oasis.unc.edu](https://oasis.unc.edu)

The University of North Carolina at Chapel Hill



# Choices

- Quick reference information
- Required; external rewards
- Extrinsically motivated
- As short as possible
- Segmented

# Choices

- Narrative journey
- Internal rewards
- Intrinsically motivated
- As long as needed
- Don't stop!

*Where are your videos on the continuum?*



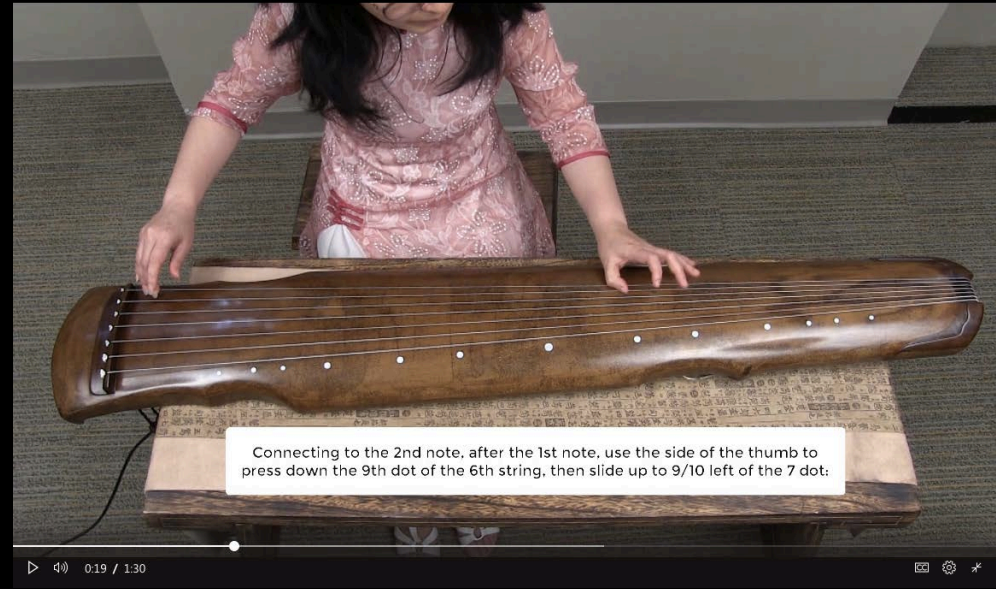


# Maximize your time

- **Stage 1: Planning, 30% of your time**
  - Content; format; equipment; environment
- **Stage 2: Production, 20% of your time**
  - Filming; graphics; media; sound
- **Stage 3: Post-production, 50% of your time**
  - Editing; processing; storage; distribution
- **Stage next: Analytics and assessment**

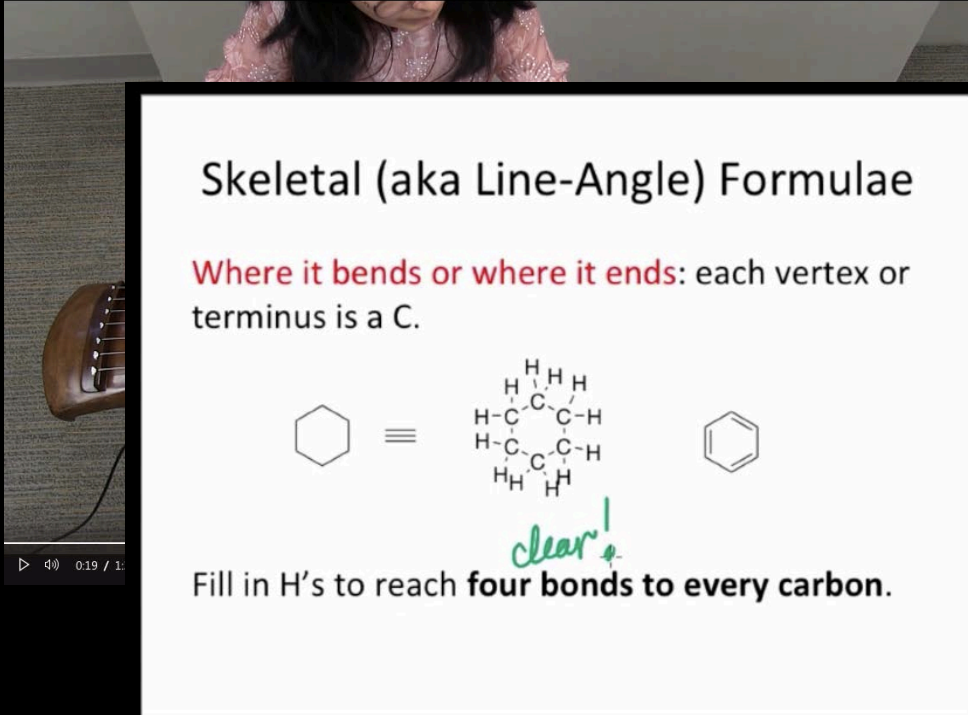
# Which video formats interest you?

- Physical demonstrations



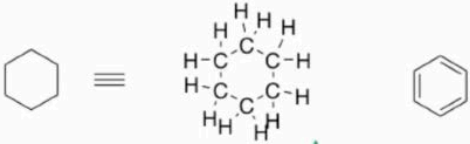
# Which video formats interest you?

- Physical demonstrations
- **Voice over PowerPoint or other presentations**



Skeletal (aka Line-Angle) Formulae

Where it bends or where it ends: each vertex or terminus is a C.

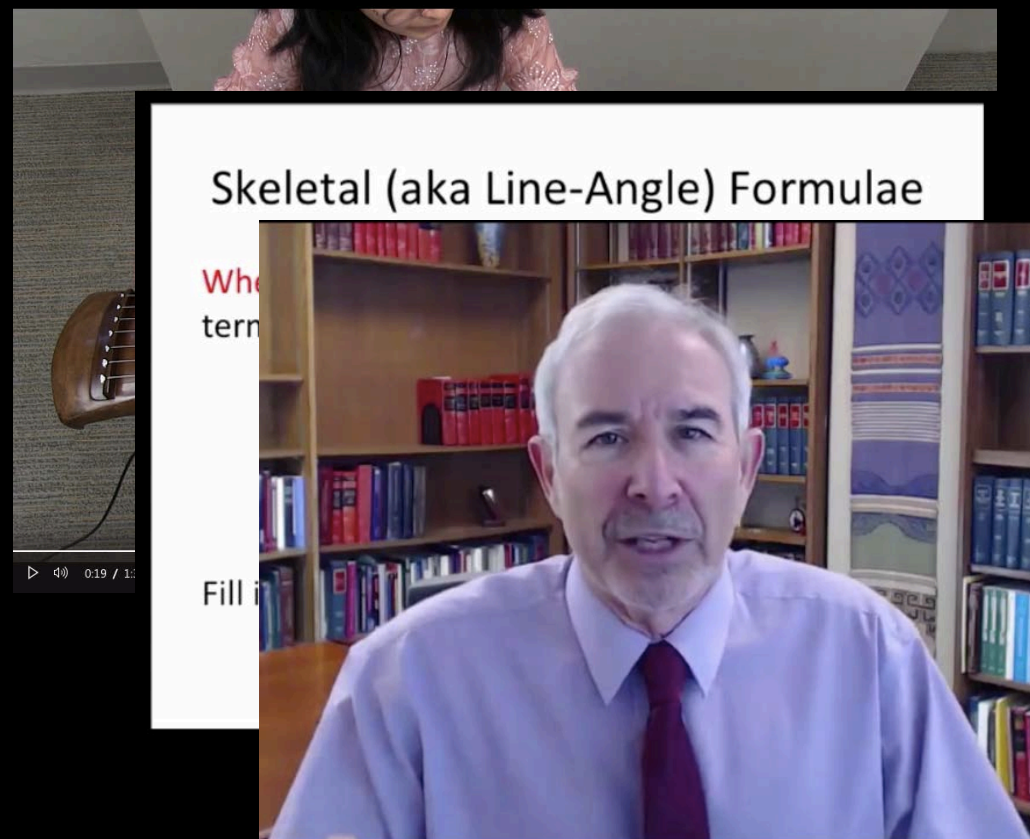


Fill in H's to reach **four bonds to every carbon.**

*clear!*

# Which video formats interest you?

- Physical demonstrations
- **Voice over PowerPoint or other presentations**
- Lecture



# Which video formats interest you?

- Physical demonstrations
- Voice over PowerPoint or other presentations
- Lecture
- Interactive whiteboard w/audio

Skeletal (aka Line-Angle) Formulae

When term

Fill i

31 §3.8.1 RELATED RATES - DISTANCES

Example. A tornado is 20 miles west of us, heading due east towards Phillips Hall at a rate of 40 mph. You hop on your bike and ride due south at a speed of 12 mph. How fast is the distance between you and the tornado changing after 15 minutes?



# Which video formats interest you?

- Physical demonstrations
- Voice over PowerPoint or other presentations
- Lecture
- Interactive whiteboard w/audio
- Other screencapture: software demos (like SPSS, Excel)

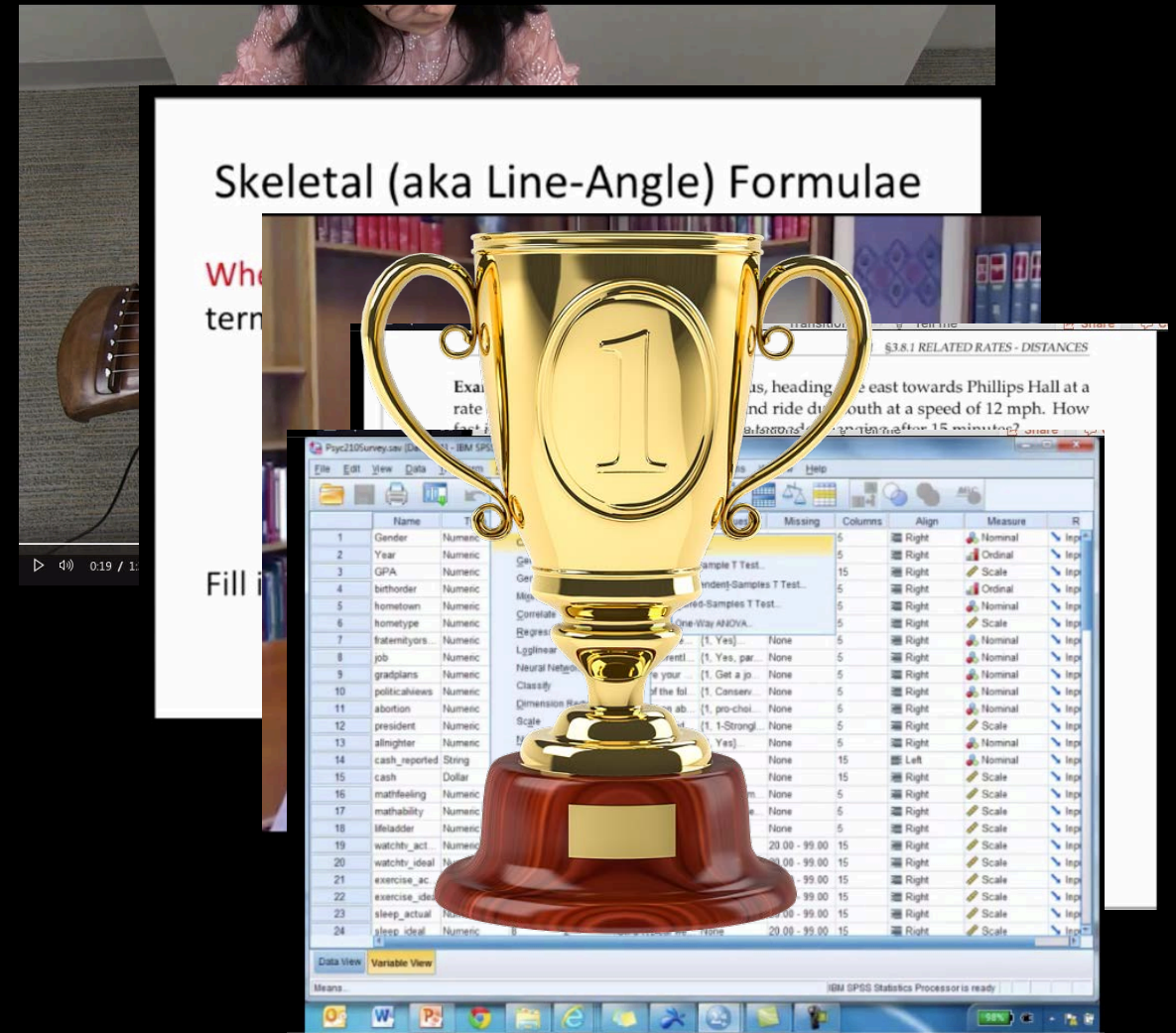
The collage features several overlapping elements:

- A person's face and shoulders in the top left.
- A PowerPoint slide titled "Skeletal (aka Line-Angle) Formulae" with the text "What term" and "Fill i".
- A math problem: "Example. A tornado is 20 miles west of us, heading due east towards Phillips Hall at a rate of 40 mph. You hop on your bike and ride due south at a speed of 12 mph. How far is the distance between us and the tornado's chimney after 15 minutes?"
- A screenshot of the IBM SPSS Statistics Data Editor interface showing a list of variables and a menu of statistical tests.

Name	Type
1 Gender	Numeric
2 Year	Numeric
3 GPA	Numeric
4 birthorder	Numeric
5 hometown	Numeric
6 hometype	Numeric
7 fraternityors	Numeric
8 job	Numeric
9 gradplans	Numeric
10 politicalviews	Numeric
11 abortion	Numeric
12 president	Numeric
13 alighter	Numeric
14 cash_reported	String
15 cash	Dollar
16 mathfeeling	Numeric
17 mathability	Numeric
18 metladder	Numeric
19 watchtv_act	Numeric
20 watchtv_ideal	Numeric
21 exercise_ac	Numeric
22 exercise_ideal	Numeric
23 sleep_actual	Numeric
24 sleep_ideal	Numeric

# Which video formats interest you?

- Physical demonstrations
- Voice over PowerPoint or other presentations
- Lecture
- Interactive whiteboard w/audio
- Other screen capture: software demos (like SPSS, Excel)
- Ready for the Oscars



# Assessment

*How will you know if students watch and understand the content?*



- Keep videos short (<7 minutes)
- Interspersed interaction, reflections, quick assessments
- Watch your analytics



# Featured Software and Procedures

# Record >> Edit >> Deliver

- Zoom

## Zoom

### ***What does it record?***

Screen capture (thus camera and audio too)  
Mouse movements/annotations

### ***Editing:***

Limited to trimming the start/end of cloud recordings;  
\* *Does not trim the downloaded recordings*

### ***Features:***

Annotation and pointer tools  
Saves to the cloud or your local machine

### ***Captions:***

- Live captions are OK
- Good audio transcript
- Automatic to Warpwire if zoom cloud connector is enabled (and not HIPPA restricted)

# Record >> Edit >> Deliver

- Zoom
- MS Stream (O365)

## MS Stream: Office 365 App

### ***What does it record?***

Screen capture

Camera and audio capture

Mouse movements

*\*Requires Google Chrome browser*

### ***Editing:***

Limited to trimming the start/end

### ***Features:***

Up to 15 minutes for each recording

Saves to the cloud

### ***Captions:***

Free, editable, exportable captioning!

# Record >> Edit >> Deliver

- Zoom
- MS Stream (O365)
- Camtasia (\$)

## Camtasia

### *What does it record?*

- Computer Screen capture with audio
- Camera and microphone
- Embeds itself in PPT for voiceover (PC)
- Mouse movements

### *Editing:*

- Multi-track timeline editing
- Add additional text/titles, images, callouts, audio, screen focus, transitions
- Video overlay with another video

### *Features:*

- Easier to learn; -Easy exports

### *Captions:*

- May add captions manually or with file upload (convert zoom vtt to srt file)

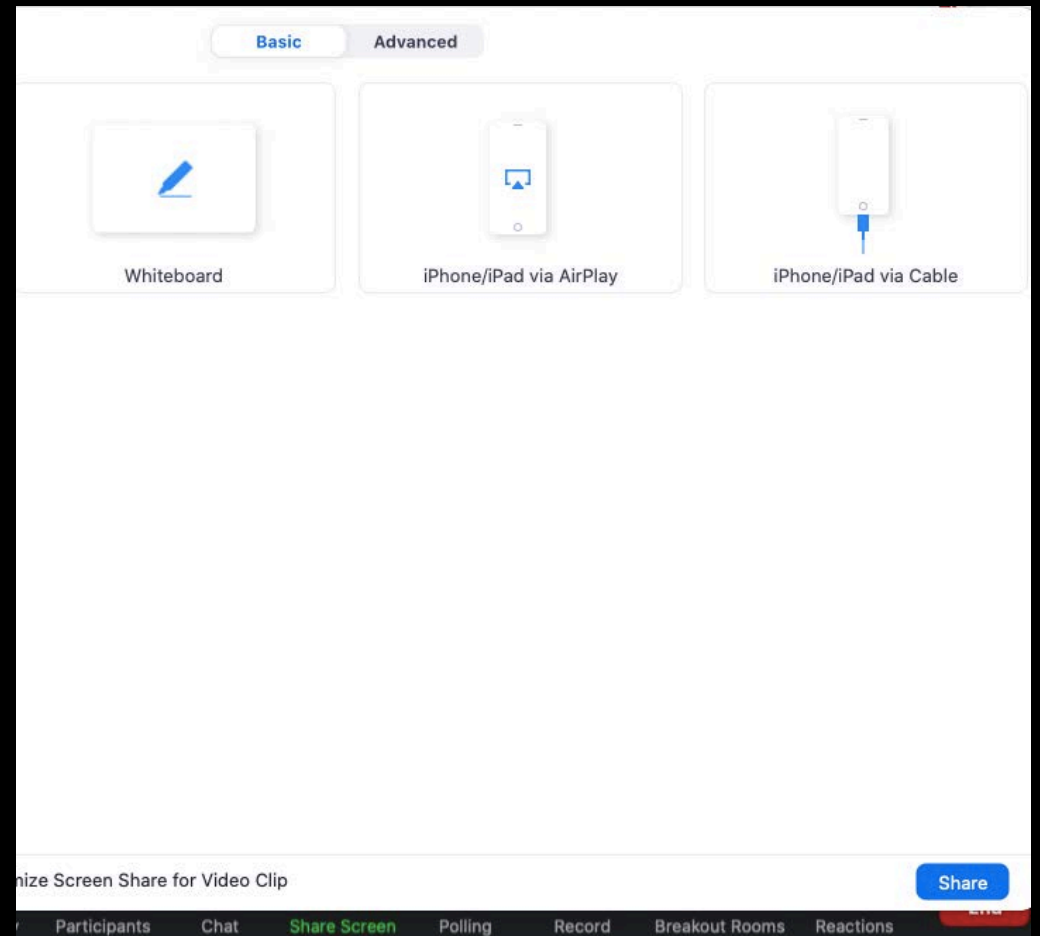
# Record >> Edit >> Deliver

- Zoom
- MS Stream (O365)
- Camtasia (\$)
- **Others**
  - PowerPoint
  - Warpwire
  - Quicktime (Mac)
  - Windows 10 Xbox app
  - OBS



# *Speaking of whiteboards...*

- Zoom
- iPad extensions
  - Zoom
  - Camtasia
- Explain Everything



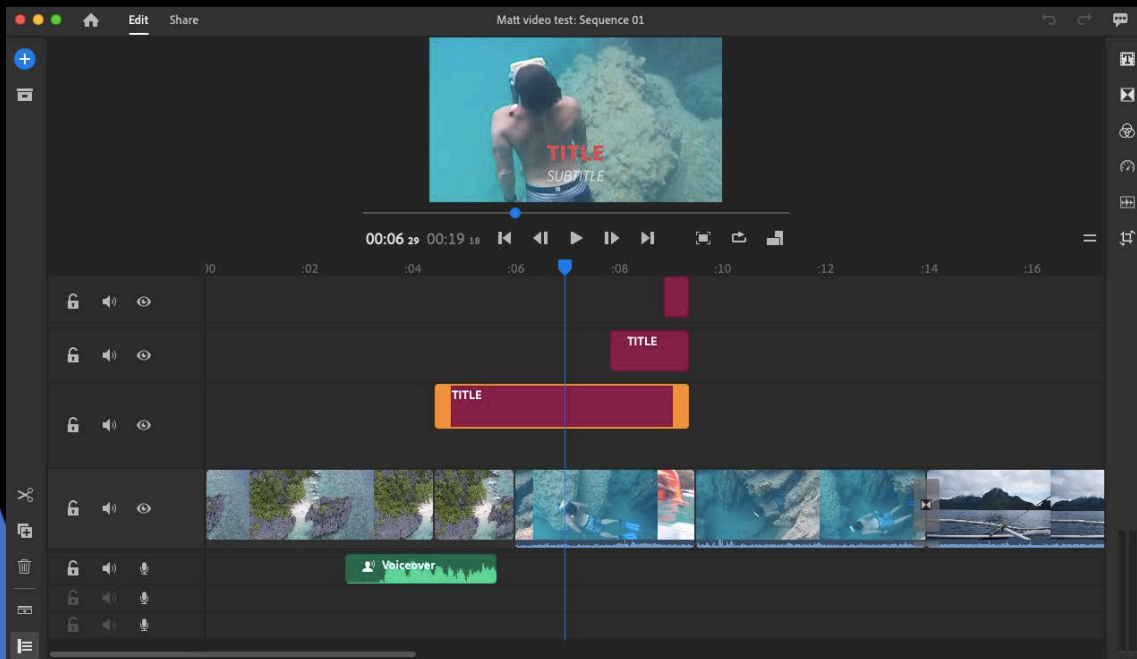
Record >> Edit >> Deliver

- Zoom
- MS Stream  
(O365)
- Camtasia (\$)

Record >> Edit >> Deliver

# Record >> Edit >> Deliver

- Adobe Rush



## Adobe Premiere Rush

### *What is it?*

- Scaled down version of Premiere Pro
- Multitrack editor

### *Editing:*

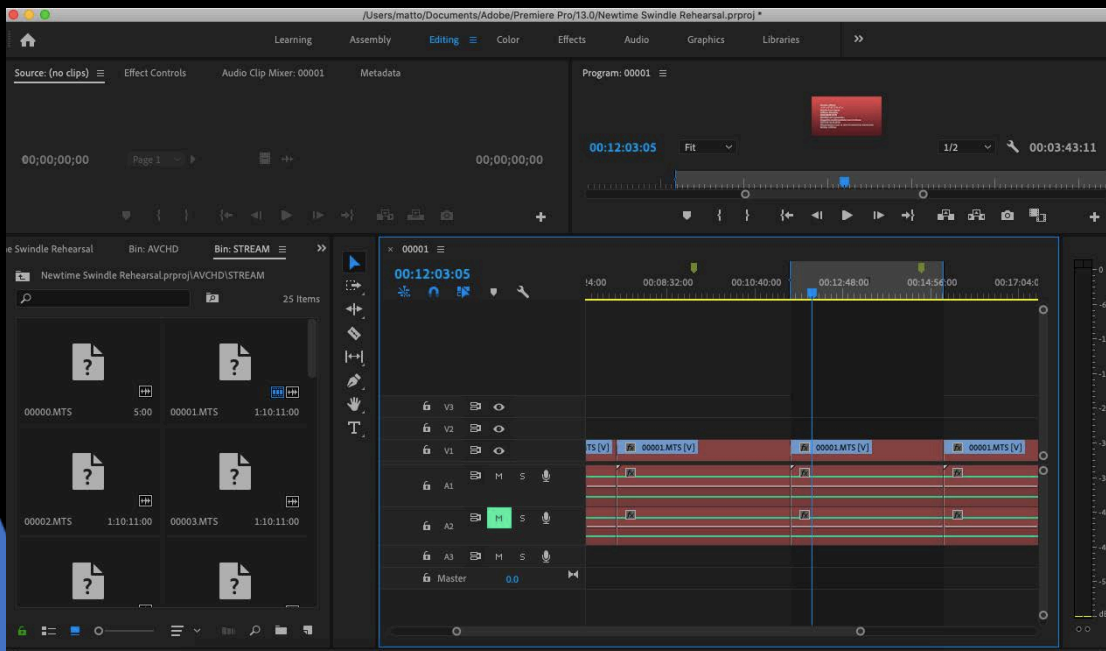
- Edit existing videos
- Add additional text/titles, images, audio

### **Points of interest**

- Much easier to learn and manage than Premiere Pro
- Part of Adobe Creative Cloud ([software.unc.edu](https://software.unc.edu))

# Record >> Edit >> Deliver

- Adobe Rush
- Adobe Premiere Pro



## Adobe Premiere Pro

### *What is it?*

-Fully functional, multi-track professional level video editing program

### *Editing:*

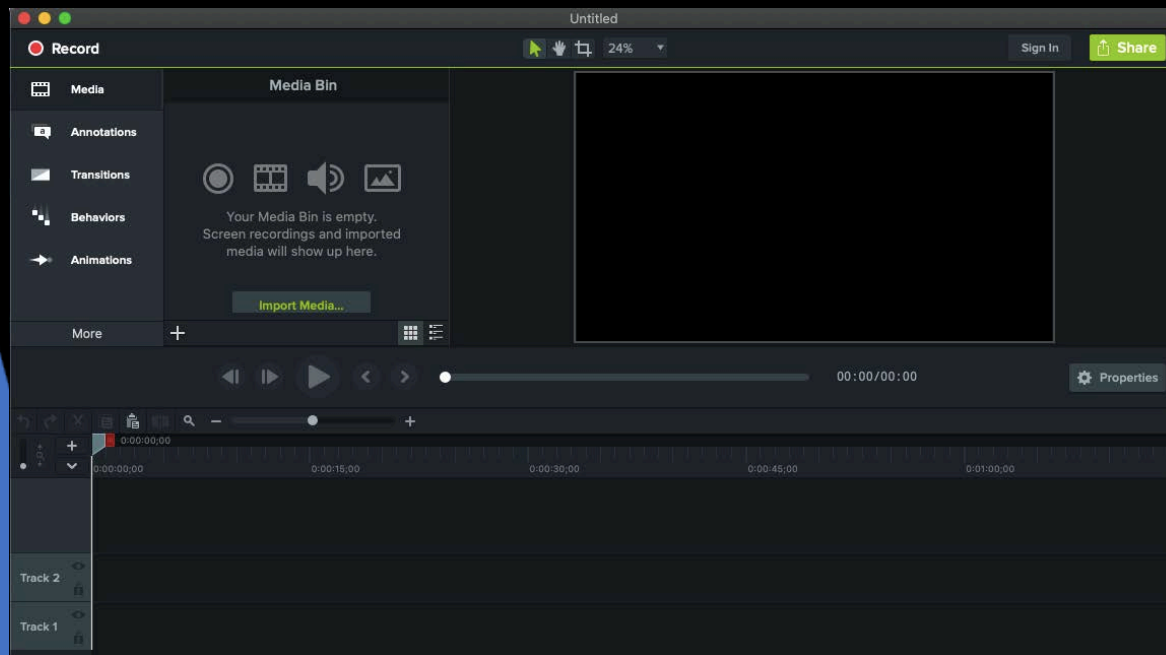
- Edit existing videos
- Capture video from an external camera
- Connects well to other Adobe apps: Photoshop, Audition, After Effects, ...

### **Points of interest**

- Harder to learn
- Requires understanding of digital video pre-sets, filetypes, export options

# Record >> Edit >> Deliver

- Adobe Rush
- Adobe Premiere Pro
- Camtasia



## Camtasia

### *What does it record?*

- Computer Screen capture with audio
- Camera and microphone
- Embeds itself in PPT for voiceover

### *Editing:*

- Multi-track timeline editing
- Add additional text/titles, images, callouts, audio, screen focus/blurring, transitions
- Video within a video

### *Features:*

- Easier to learn
- Easy exports

### *Captions:*

- May add captions manually or with file upload (convert zoom vtt to srt file)

# Record >> Edit >> Deliver

- Zoom

- Adobe Rush

- MS Stream

- Adobe Premiere

- Camtasia (\$)

- Camtasia (\$)

Record >> Edit >> Deliver



# Video Storage and Delivery Options

## • Zoom



Share this cloud recording

Share this recording

Publicly

Only authenticated users can view

Add expiry date to the link

7 days  2020-05-13, 11:59 PM

Viewers can download

On-demand(Registration Required)

Password protection

\*\*\*\*\* [Show](#) [Edit](#)

Recording Link Information

Display detailed information >

[Copy sharing information to clipboard](#)

## Zoom

### **Storage**

- Record to the cloud directly from Zoom
- Set your access options (on/off)
  - UNC authenticated
  - Password
  - Downloadable
  - Expiry date

### **Delivery**

- Provide students with a recording link (includes link to audio transcript)

### **Reporting / analytics:**

- Who (if authenticated)
- How many views
- How many downloads
- Date stamp

# Video Storage and Delivery Options

- Zoom
- **Warpwire in Sakai**



Video Production Workshop

Share Link Embed Code RSS

<https://unc.warpwire.com/w/DAEAAA/> Copy

Share with additional Users and Groups (Protected)  
Share with all UNC ONYEN users (Institution)  
Share with everyone on the web (Public) Ways to Share

Search Users and Groups...

In addition to authorized members, this media is shared with Morgon Haskell and 1 other user.

Edit Permissions

## Sakai Warpwire

### Storage

- Create media libraries from any of your Sakai courses
- Upload videos to appropriate libraries
- Set your access options
  - Private
  - Course
  - UNC
  - Public

### Delivery

- Provide students with a link
- Embed within Sakai lessons tools
- Share videos or media libraries across courses

### Reporting / analytics:

- Who (if authenticated)
- How many views
- Percent of completion
- Timestamp



# Video Storage and Delivery Options

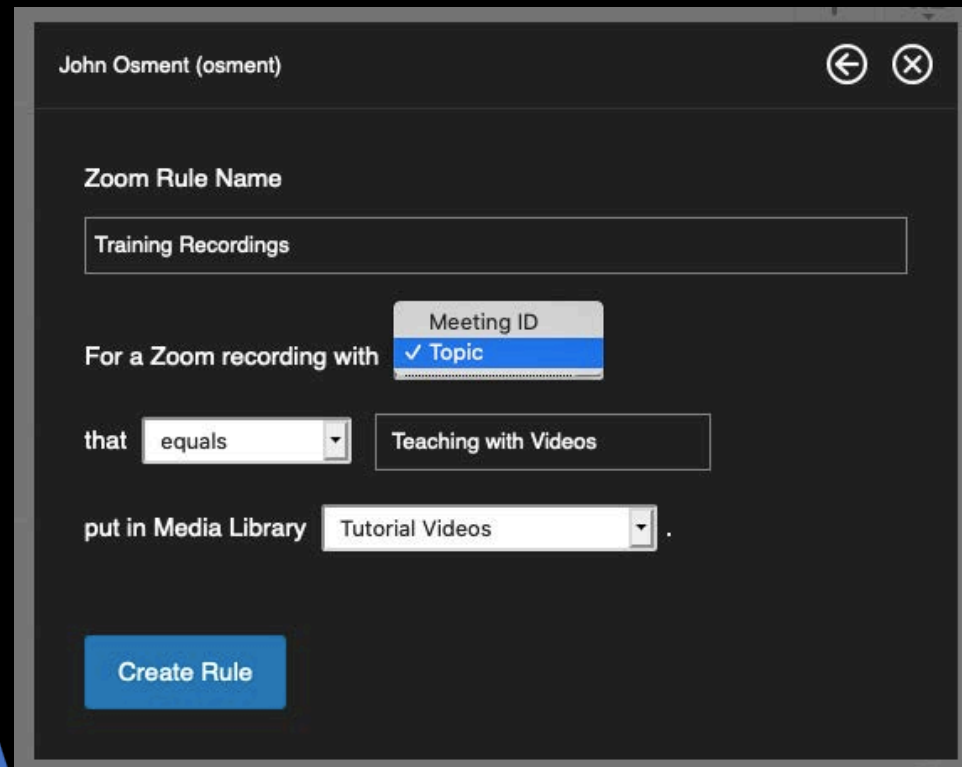
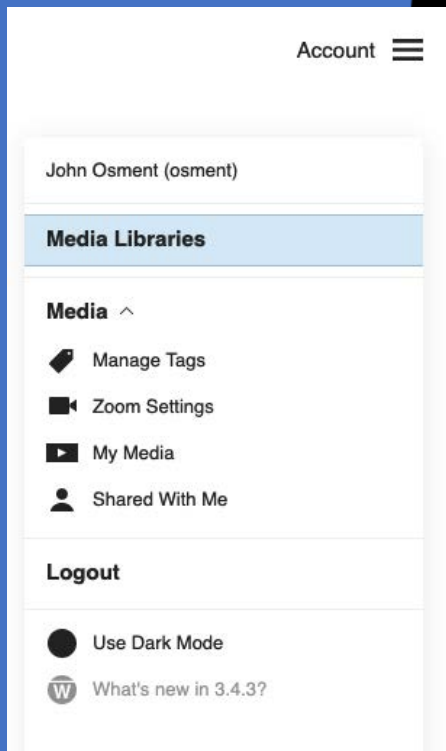
- Zoom
- Warpwire in Sakai
- [unc.warpwire.com](https://unc.warpwire.com)
- MS365 Stream

## Warpwire.com

- Same feature set as is within Sakai
- Not automatically within the shell of a course
- Good analytics

# Video Storage and Delivery Options

## • BONUS: Zoom & Warpwire



### Zoom

#### **Storage**

- Record to the cloud directly from Zoom and automatically transfer to Warpwire
- Automatically adds audio transcript as captions

#### **Delivery**

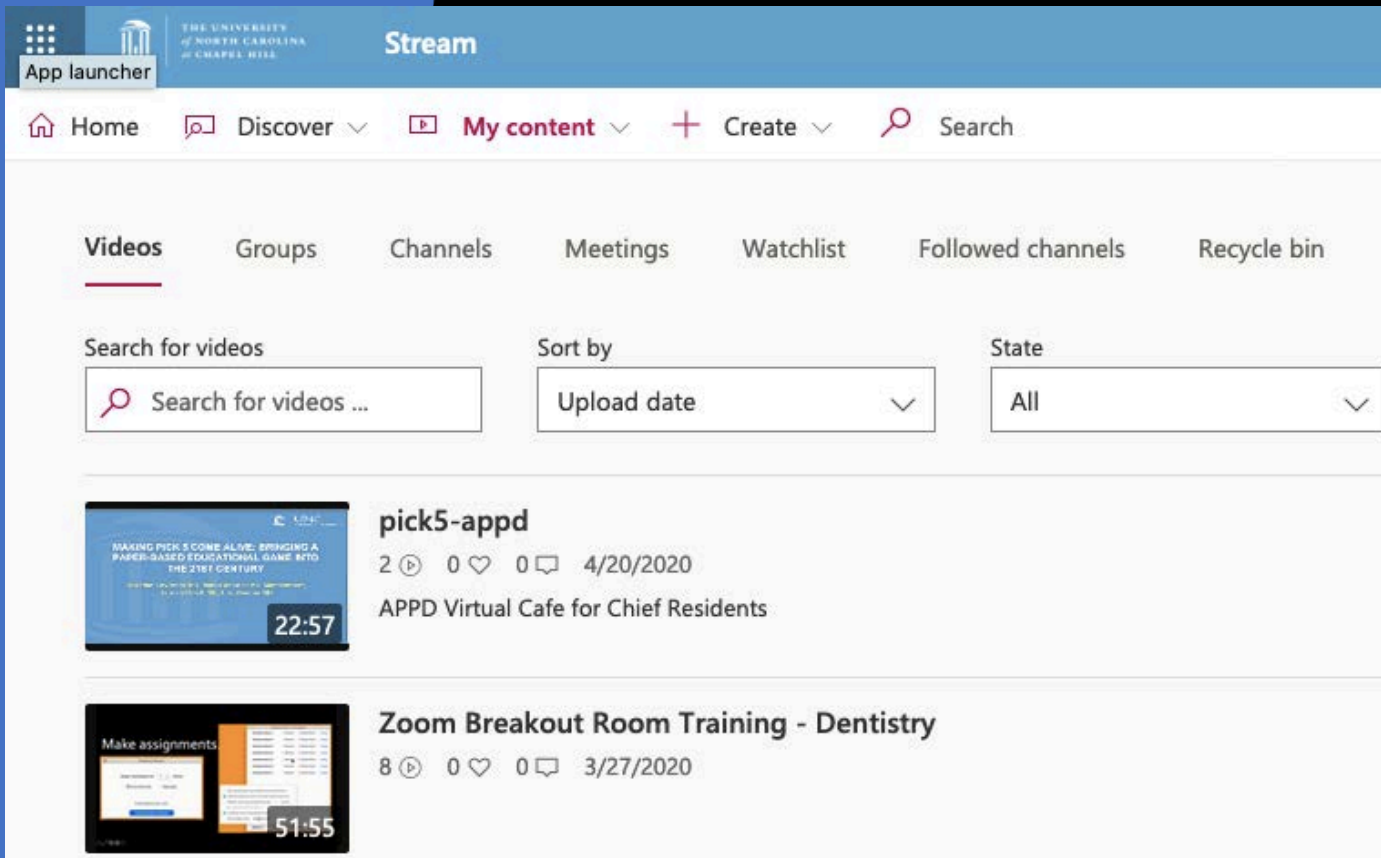
- Follow standard Warpwire procedures

#### **Of note:**

- After transfer, the Warpwire videos do not follow Zoom access restrictions
- Due to HIPPA restrictions, process will not work with all UNC accounts

# Video Storage and Delivery Options

- **MS365 Stream**  
*(formerly Office 365)*



## Microsoft 365: Stream app

### Storage

- Upload and organize videos into Channels
- Share with
  - MS Groups and Teams
  - UNC Individuals
  - All of UNC
  - Not public!

### Delivery

- Provide viewers with a link
- Embed within Sakai lessons tools

### Best practice:

- Trim beginning and end of videos

**Analytics:** # of views

**BONUS:** Free captioning!

# Record >> Edit >> Deliver

- Zoom

- Adobe Rush

- Zoom

- MS Stream

- Adobe Premiere

- Warpwire

- Camtasia (\$)

- Camtasia (\$)

- MS Stream





# Sample Scenarios



# Sample: Sharing Zoom Class Lectures

1. Adjust your zoom settings and meeting options to record to the cloud with an audio transcript
2. From your Warpwire account, set-up the zoom connector
3. Once a recordings is available, it will automatically be added to the selected Warpwire Media library. Captions are added automatically.
4. Adjust captions
5. Adjust the start/end times to fit your content needs

*\* You may duplicate a video in Warpwire and choose different start/end times to focus on a different section/topic*



# Example: Screen or camera capture



## 1. Record with Zoom

- a. Capture screen or camera using ZOOM
- b. Voice through system microphone
- c. Settings
  - a. record to your Local Machine
  - b. Optimize for 3rd Party Editor

## 2. Edit with Adobe Rush

- a. Remove mistakes
- b. Add additional:
  1. Title page
  2. Images
  3. Text
  4. Combine with other videos
- c. Export as MP4

## 3. Upload to MS365 Stream for captioning

## 4. Deliver through Warpwire

- a. Upload video to a Warpwire media library
- b. Add your caption file

## 5. View analytics in Sakai Warpwire



# Sample: Student Video Assignment

1. **MRC helps instructor design the assignment**
2. Instructor creates an assignment in Sakai; *students will deliver a video link of their finished product*
3. **Schedule student class training with MRC**
4. Students use Smartphone or camera to capture video
5. **Students upload to Warpwire in Sakai**
6. Students submit URL to their videos
7. **Student submission is graded: *MRC can help with assessment rubrics!***

# Get help (and stuff)!



- Media Resource Center <https://library.unc.edu/house/mrc/>
  - Full instruction sessions recorded and hosted on our website for [podcasting](#) and [video editing](#)
  - Instruction and support via workshops, Q&A, etc. through Zoom. Email: [mrc@unc.edu](mailto:mrc@unc.edu)
- LinkedIn Learning: <https://software.sites.unc.edu/linkedin/>
  - Formerly Lynda.com
  - Lots of great video tutorials
- College and Professional School IT Support
- Keep Teaching Initiative, Schedule consultations and more: <https://keep Teaching.unc.edu/>
- University logos, colors, templates: <https://identity.unc.edu/resources/downloads/>

# Thank you!

*For more information, please contact:*

**Matt Osment, *matto@email.unc.edu***

**OASIS – Instructional Technologies Group**

**[oasis.unc.edu](https://oasis.unc.edu)**



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