

MICHIGAN STATE

UNIVERSITY

3/21: Camtasia Demo

The Capstone Experience



*From Students...
...to Professionals*

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Overview of Camtasia

- **Screen Recording**
- **Video Editing**
 - Loading in Audio/Video
 - Mistakes
 - Transitions
 - Annotations
 - Behaviors
 - Animations
 - Effects
 - Clip Speed
- **Saving your Video**



Screen Recording

- Recording Settings
 - Region
 - FaceTime
 - Microphone
- Full Screen vs. Custom Region
- Mobile Devices

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Video Editing

- Loading in Audio and Video
 - Supported file formats are TREC (Camtasia Recording Files), MOV (QuickTime), MP4, AIFF, MP3, WAV, AAC, JPEG, PNG, SRT, TIFF, PPT, PPTX

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Video Editing - Mistakes

- Drag the actual clip to trim out mistakes
 - Edits on TL won't affect original recording in media bin
- Drag red or green handle on playhead
 - Click scissors to remove
 - Paste cut clips on different track
 - Right Click to Unstitch
 - Double click playhead to bring back together
- Separate Audio and Video



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Transitions

- Used for transitions between clips
- Highlighted on TL to show where applicable
 - Transitions automatically applied to end of first clip and beginning of second clip when touching
- Change duration by clicking and dragging ends
- Delete by pressing delete

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Annotations

- Used to annotate clips
- Click and drag from tools to clip on TL or canvas
- Customize how it enters canvas, what it does, how it leaves, etc. by adjusting properties
 - Properties Panel

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Behaviors

- Used to add behaviors to clips, annotations, etc.
- Click and drag one from tools panel to clip on TL or canvas
 - Appear in effects tray at bottom of clip/annotation
- Customize how it enters canvas, what it does, how it leaves, etc. by adjusting properties
 - Properties panel



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Animations

- Used to animate video clips, annotations, etc.
- Click and drag from tools to clip on TL
 - Appear as arrows directly on clip
- Re-position
 - Click and drag arrow
- Edit
 - Select clip, move playhead after animation arrow and change one of clip's visual properties such as position, rotation, size
- Change Speed
 - Click and drag either end of the arrow



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- **Effects**

- Cursor

- Gesture

- Voice Narration/Audio

- Clip Speed

- **Saving your Video**



Effects

- Cursor, Audio, Visual, Gesture Effects
- Click and drag from tools panel to TL
 - Appear in the effects tray at the bottom of the clip
 - Edit in properties panel

Cursor Effects

- Useful for Web App recordings
- Click and drag from tools panel to TL
 - Appear in the effects tray at the bottom of the clip
 - Edit in properties panel

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Gesture Effects

- A little more complicated
- Click and drag from tools panel to TL
 - Appear in the effects tray at the bottom of the clip
 - Edit in properties panel
- Timing is key
 - Check where in effects tray

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- **Voice Narration/Audio**

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Voice Narration

- **VERY IMPORTANT:** Quiet background music, loud narration
- Remove all sound recorded with built-in microphone
- Use Yeti Stereo Microphone's provided in lab

Audio Effects

- Edited just like video clips on TL
- Volume can be adjusted by clicking and dragging green line up/down
 - Each clip's audio can be adjusted individually
- Audio Points
 - Allow you to change volume of a portion of a clip
 - Double click on audio line to add an audio point
 - Example: Fade a music track in or out
 - Add one point where fade should begin, and one where it should end
 - Move one of points up or down to add fade



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- **Clip Speed**

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Clip Speed

- Play a video faster or slower
- Right click -> Add Clip Speed
- Drag to adjust, or use properties panel

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Saving your Video

- Click “Share” button in the upper right corner
- Click “Local File...”
- Export to MP4
- Suggestions
 - Do this in chunks (save your progress as you go along)
 - Always watch saved video from start-to-finish
 - Don’t wait until the last minute



Wait, There's More

- ~~Screen Recording~~
- ~~Video Editing~~
- ~~Saving your Video~~
- Grading
- What's ahead?

Grading

- Team (70%)
 - **Project Video: 10%**
 - See syllabus for other 60%
- Individual (30%)
 - **Team Contribution: 10%**
 - See syllabus for other 20%
- Grand Total =
(Individual Total)
+
(Team Total) * (Team Contribution) / 10.0



What's ahead?

[1 of 2]

All-Hands Meetings

- ~~W09, 03/12: What's ahead?~~
- ~~W09, 03/14: Ethics and Professionalism~~
- ~~W10, 03/19: Design Day and the Project Videos~~
- ~~W10, 03/21: Camtasia Demo~~
- W11, 03/26: Team Status Report Presentations
- W11, 03/28: Intellectual Property
- W12, 04/02: Team Beta Presentations
- W12, 04/04: Team Beta Presentations
- W13, 04/09: Team Beta Presentations
- W13, 04/11: Team Beta Presentations



What's ahead?

[2 of 2]

All-Hands Meetings

- W14, 04/16: Team Status Report Presentations
- W14, 04/18: Team Status Report Presentations
- W15, 04/22: Project Videos Due (Noon)
- W15, 04/23: Watch Project Videos
- W15, 04/24: All Deliverables Due (Noon)
- W15, 04/24: Team Evaluation Forms Due (Midnight)
- W15, 04/25: Watch Project Videos
- W15, 04/25: Design Day Setup
- W15, 04/26: Design Day
- W16, 05/02: Watch Project Videos



Questions?

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