

TRAINING **MANUAL:**  
▶ **Video** Assessment

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## Overview

Video Assessment is a feature designed to allow for assessment of streaming video artifacts. This includes uploading, streaming, commenting, grading and scoring video artifacts with a rubric. The feature will allow students, evaluators, and administrators to use video artifacts to complete similar assessment tasks as if the student had been submitting LiveText documents.

## Feature Highlights

- Upload .mov, .wmv, .avi, mp4, and .flv files for streaming
- Re-encodes video for better viewer playback on broadband connected systems.
- Allows text comments to be placed on the video's timeline by students and evaluators.
- Videos can be assessed with rubrics.
- Rubric reports will have access to video artifacts.

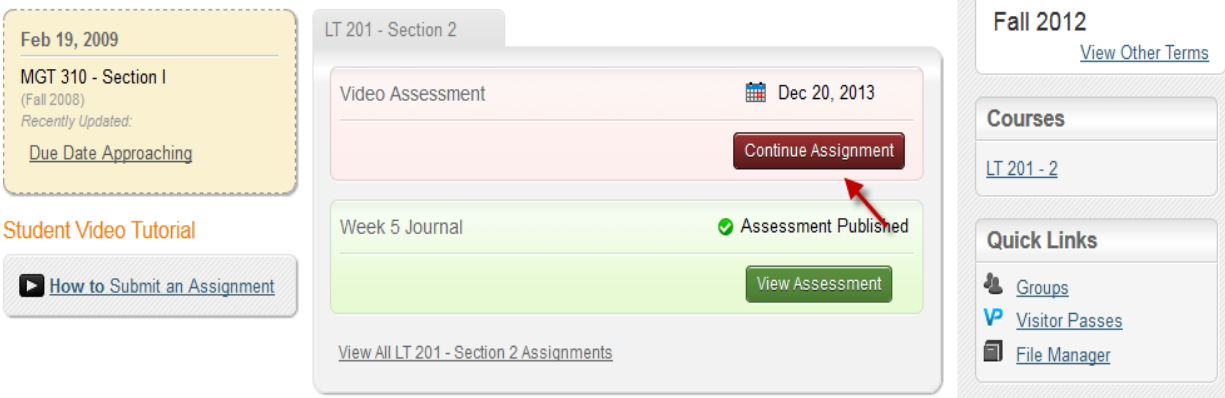
## Video Preparation

- Resolution of 320x240 or 640x360
- Bitrate 256 kbps (Kilobytes per second)
- Compressed using H.264 or Windows Media Video code
- File size no greater than 50 MB (Megabytes)
- Instructions for resizing, compressing and converting video are available.

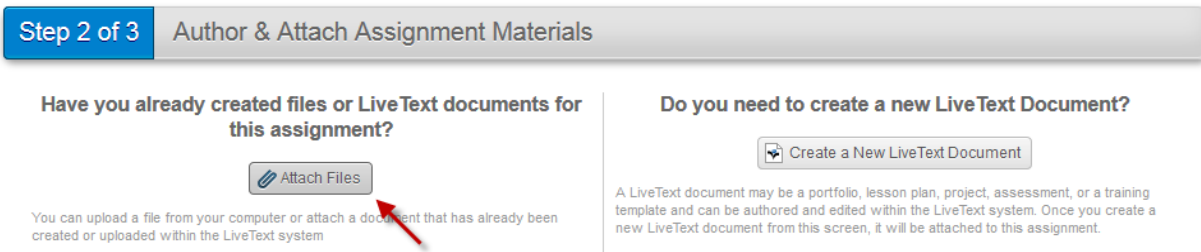
## Video Assessment Instructions

### Student Video Submission

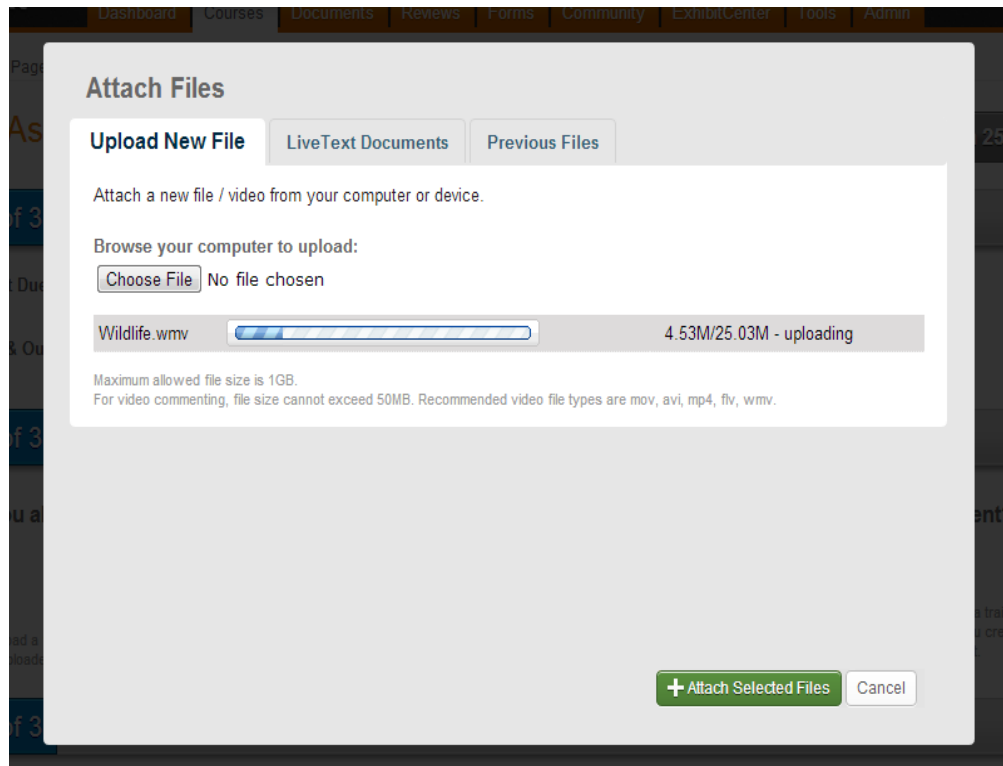
- 1 Log into your **LiveText** account.
- 2 Click the **Begin Assignment** or **Continue Assignment** button of the assignment for which you wish to submit a video.



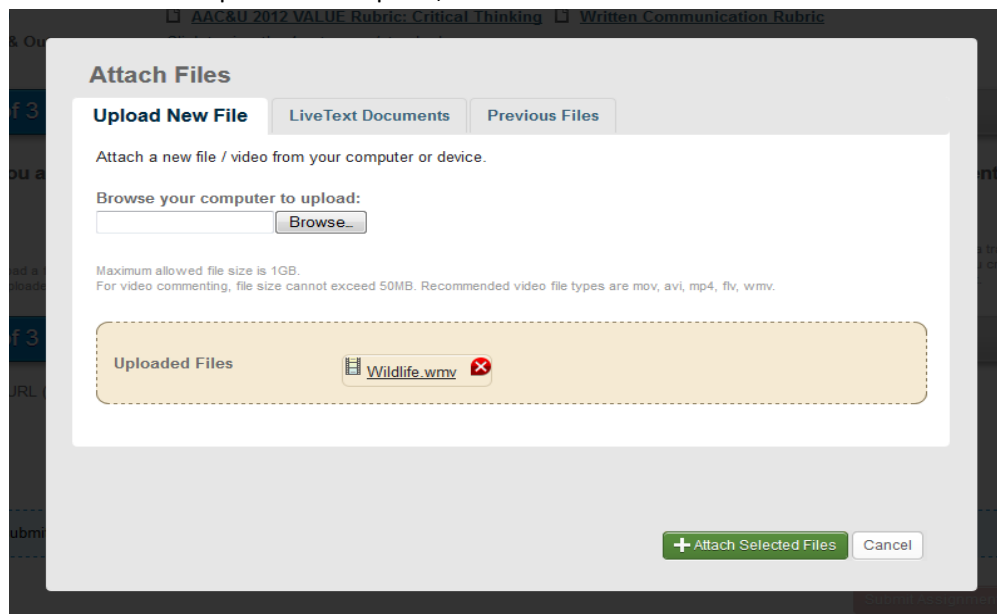
- 3 After reviewing step 2, proceed down to step 3 and click **Attach Files**.



- 4 Click **Browse** and select a .mov, .avi, mp4, .flv or .wmv file that is 50 MB or less.



- 5 Wait for the file upload to complete, then click **Attach Selected Files**.



6 Either wait for the video to be processed or click **Submit Assignment**.

**Step 2 of 3** Author & Attach Assignment Materials

**Have you already created files or LiveText documents for this assignment?**

[Attach Files](#)


You can upload a file from your computer or attach a document that has already been created or uploaded within the LiveText system


**Do you need to create a new LiveText Document?**

[Create a New LiveText Document](#)

A LiveText document may be a portfolio, lesson plan, project, assessment, or a training template and can be authored and edited within the LiveText system. Once you create a new LiveText document from this screen, it will be attached to this assignment.

**Attached Files**

Wildlife.wmv 

 **Your video is being processed for streaming...**  
(may take a few mins)

**In the meantime...**

- You can submit your assignment
- Your instructor can still download the submitted video
- Once processing is complete, your instructor can stream the submitted video

**Step 3 of 3** Submit Assignment

Comments/URL (optional)

[Submit Assignment](#) [Cancel](#)

- 7 If you wait, you will see the video and be able to add comments before submission.

**Step 2 of 3** Author & Attach Assignment Materials

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**Attached Files**


Wildlife.wmv 



**Add comment** 1000 characters limit

Christian\_Fitzgerald-S

Morbi lacus erat, sodales nec semper id, placerat non nisl. Aliquam eu vestibulum

[OK](#) 

00:00 / 00:30

Play the video to add comments for submission

- 8 Add comments to the video. When finished, click **Submit Assignment** to submit the video to the instructor.
- 9 When your instructor has sent feedback, return to the submission page to view the comments on the video, grade and rubric. Dots on the timeline indicate where comments have been made. They will be displayed automatically on the screen as the video playback reaches that time. If you wish to hide comments while playing the video,

simply click on the icon to the right of the timeline to turn off auto-show.



- 10 If you wish to export the video and comments for later use, click on the file name that appears above the movie pane. The video file and .srt subtitle file will be packaged as a zip file for easy download and transfer.


**Note:** You will need to use a player that recognizes .srt content and can play the video. Make sure to keep the video file and .srt title file together and ensure that the names always match. If you have a windows machine, you will need to download software to play the video with comments. Two free tools are linked below.

- DirectVobSub Plugin for Windows Media Player - <http://www.free-codecs.com/download/DirectVobSub.htm>
- VLC Media Player - <http://www.videolan.org/vlc/>



Assessment Results

Assessor	Fitzgerald, Christian	Assessed	April 10, 2013 3:39:16 PM CDT
Submitted	April 10, 2013 3:38:50 PM CDT		
Grade/Result	B		
Rubric(s)	<a href="#">View Rubric Scores</a>		
Assessor Comment	Comment		
Student Attached Files	<a href="#">Wildlife.wmv</a> 25.03M		



## Faculty Assessment of Submitted Video

- 1 Faculty member logs into the **LiveText** account.
- 2 From the **Dashboard**, select the assignment to assess.
- 3 Select the student to assess.

- 4 Watch video in player, click green + to pause the video and add comment.

Request Resubmission Save **Submit Assessment** Cancel

Awaiting Assessment

[Fitzgerald, Christian](#) Submission Date: Apr 9, 2013


Assessor: Fitzgerald, Christian

Artifacts (1)  
[Wildlife.wmv](#) 25.03M

Grade

Comment

Assessment Rubrics Attachment



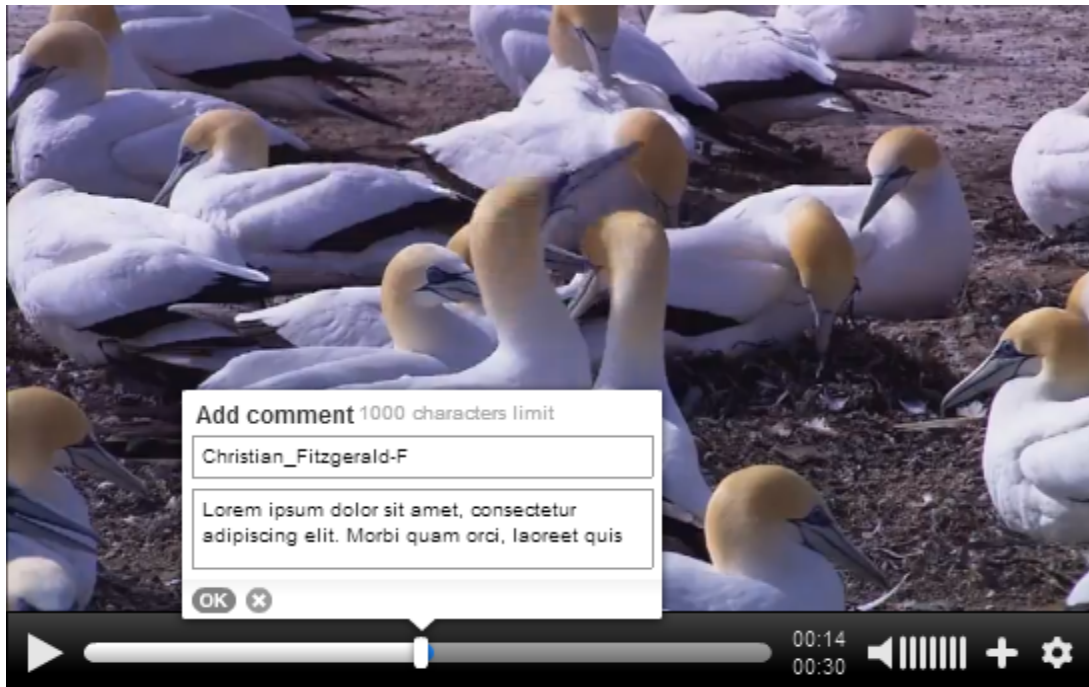
00:14 / 00:30

Play the video to add comments for assessment

5 Choose **Add comment**.



6 Type comment and press **OK**.



- 7 Click **Assessment Rubric** and score the rubric normally.

Copy of Video Assessment

Latest Submission

Request Resubmission Save Submit Assessment Cancel

Awaiting Assessment

Fitzgerald, Christian Submission Date: Feb 26, 2013 Assessor: Fitzgerald, Christian

Artifacts (2)

Wildlife.wmv 25.03M

Grade Comment

sample\_iPod\_H.264.m4v 2.13M

Play the video to add comments for assessment

Critical Thinking VALUE Rubric 2012

Show/Hide Rubric Descriptions

	4 Capstone (4 pts)	3 Milestones (3 pts)	2 Milestones (2 pts)	1 Benchmark (1 pt)	N/A
Explanati of issues (1, 20%)	Issue/problem to be considered critically is stated clearly and described comprehensively delivering all relevant information necessary for full understanding.	Issue/problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.	Issue/problem to be considered critically is stated but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, and/or backgrounds unknown.	Issue/problem to be considered critically is stated without clarification or description.	


- 8 Click **Submit Assessment**, **Save** or **Request Resubmission** as you would normally.
- 9 After submitting the assessment, you can review comments later by going back to the submission page and playing the video. If you wish to hide comments while playing the video, simply click on the icon to the right of the timeline to turn off auto-show.



- 10 If you wish to export the video and comments for later use, click on the file name that appears above the movie pane. The video file and .srt subtitle file will be packaged as a zip file for easy download and transfer.

Assessment Results

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A video player interface showing a scene of several horses running through shallow water on a beach. The video player includes a progress bar, a play button, and a volume icon. The current time is 00:00 and the total duration is 00:30. A red arrow points to the file name "Wildlife.wmv" in the table above.

## Compressing and Resizing Video Files Using Handbrake

### Overview

Handbrake is software that provides an easy way to prepare video for the web. It is Open Source, free, and widely used. Some key features include:

- Runs on Windows, Mac, others. Plays back on default players of Windows, Mac, others including iOS.
- Downloadable from Handbrake's site in France (<http://handbrake.fr/downloads.php>)
- Handbrake takes one source file as input and saves to a destination another much smaller output file.
- The resulting file is often just 2%-20% of original's file size. These guidelines should reduce most videos that are 15 minutes or less down to a file size of less than 50 MB.

### Compression Instructions

- 1 After installing the program, run it and click the **Source** button to select the video you wish to compress.
- 2 If you have multiple videos to process, follow the on-screen instructions for setting the "Default Path" that appear in the message box. If not, or you do not wish to set a default path, click OK.
- 3 In the area titled **Destination**, set where your compressed file will be stored and name it. Click **Browse** to choose the folder and name of your converted file.
- 4 Under **Output Settings**, Change the **Container** to *MP4 File* then check the *Web optimized* option.
- 5 On the **Picture** tab, choose the **Anamorphic** drop down and select *Loose*.
- 6 Above that box, confirm that the **Size Width** value is no larger than **640** by using the arrows or typing the appropriate width. Changing the width will automatically change the height to keep the video from being distorted.
- 7 Click on the **Video** tab and select the radio button next to **Avg bitrate (kbps):** and enter **256** in for the value.
- 8 Press the green **Start** button (will change to red Stop button while running).
- 9 Relax while software compresses the file. Allow about 2 minutes to process each minute of video.