

UBC Forestry

Kaltura: Using Videos in Canvas, for Instructors & Students

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Overview

Kaltura is a video platform fully integrated within Canvas, and hosted at UBC, enabling both **instructors** and **students** to upload, share, edit and record videos.

Pros and Cons

| Pros | Cons |
|--|---|
| <ul style="list-style-type: none">• FIPPA compliant and data is stored securely in Canada;• Allows for recording and uploading directly to an assignment submission or discussion post on Canvas;• Offers unlimited file storage (as of February 25, 2021), and uploads will not affect the 4GB file storage limit of a Canvas course, nor the 250MB personal limit;• Individual file size limit of 2GB for student submissions, and a 5GB file size limit for course content, compared to Canvas' universal file size limit of 500MB;• Allows for the addition of closed captioning;• Allows for simple video editing. | <ul style="list-style-type: none">• The Kaltura Capture application must be installed to record media longer than 10 minutes;• May have problems running on older versions of some web browsers;• Closed captioning text is generated using machine captioning or automatic speech recognition (ASR), which may require some revision;• Having more than 10 embedded videos on a single page may cause a drastic reduction in webpage loading times; |

Currently, there are **three** options for interacting with Kaltura videos:

1. Within Canvas pages in the Rich Content Editor: Course content, discussion board, announcements and assignments
2. Within My Media
3. Within the Media Gallery

Enabling Students to post a video on Canvas Discussion

1. Use this option if you would like students to post videos and view each other's submissions to facilitate discussion. Create a new Discussion by navigating to **Discussions**, and clicking the blue **+ Discussion** button.

The screenshot shows the Canvas interface for a course. On the left sidebar, the 'Discussions' link is circled in red with a red '1' above it. In the top right of the main content area, the '+ Discussion' button is circled in red with a red '2' above it. The main content area displays a list of discussions under the heading 'Pinned Discussions' and 'Discussions' (Ordered by Recent Activity).

Pinned Discussions:

- Discussion - Graded
- Discussion - Ungraded (All Sections)
- Discussion - Individual St...
- Discussion - Course Groups

Discussions (Ordered by Recent Activity):

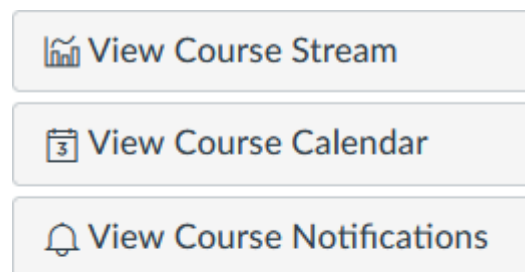
- test grade (Available until Feb 26 at 11:59pm, Due Feb 24 at 11:59pm)
- Week 6 Discussion (Last post at Feb 10 at 2:18pm)

2. Scroll down to the bottom of the new Discussion page, select the checkbox next to **Graded** if you wish to include the discussion as part of the assessments. This will also automatically add the item to the students' to-do list once a due date is applied. As Discussions automatically require the use of the Rich Content Editor, no further steps are required to use Kaltura in Discussion responses.


Options

- Allow threaded replies
- Users must post before seeing replies
- Enable podcast feed
- Graded
- Allow liking

Fig 1. Discussion Options



To Do


-  **Kaltura Discussion** ✕
Feb 28 at 11:59pm

Recent Feedback

Nothing for now

Fig 2. Student's view


This is a graded discussion: 10 points possible due - 1

 **Discussion-Graded**
Yangqian Qi (He/Him/His)

This is a graded discussion. Please post your reply below.
This topic was edited by Skyler WANG

Search entries or author Unread ↑ ↓ ✓ Subscribed

↩ Reply students can reply by click "Reply"

 **YIZHENG WANG**
6:21am ⋮

Here is student's reply:

Clip of Kaltura Demo


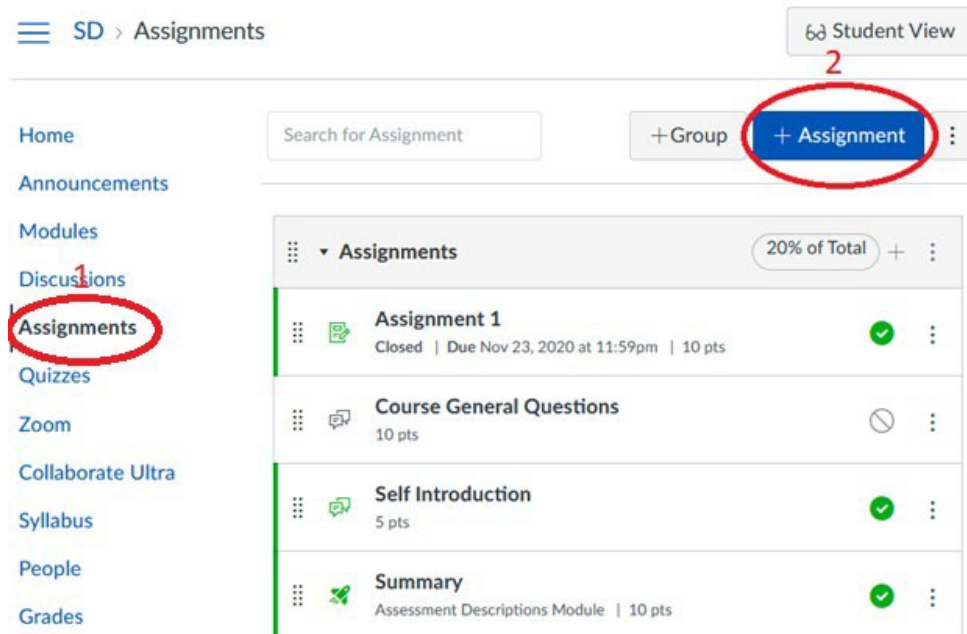


Fig 3. How a graded discussion looks like

Enabling Video Submissions for Assignments

1. Create a new **Assignment** by navigating to **Assignments**, and clicking the blue **+ Assignment** button. Use this option if submissions are to be viewed only by the teaching team.



2. Scroll down to the bottom of the new Assignment page, select the checkbox next to **Text Entry**, and change other settings at the bottom of the page for the Assignment as needed. This will enable the Rich Content Editor on the submission page.

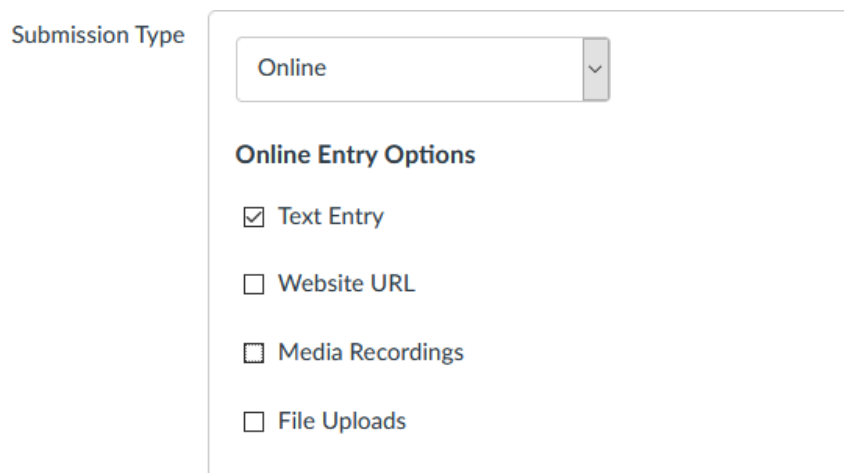


Fig 3. Assignment Options

Text Entry

Copy and paste or type your submission right here.

Edit View Insert Format Tools Table

12pt Paragraph | **B** *I* U A T^2 |

| | |

p | 0 words |

Comments...

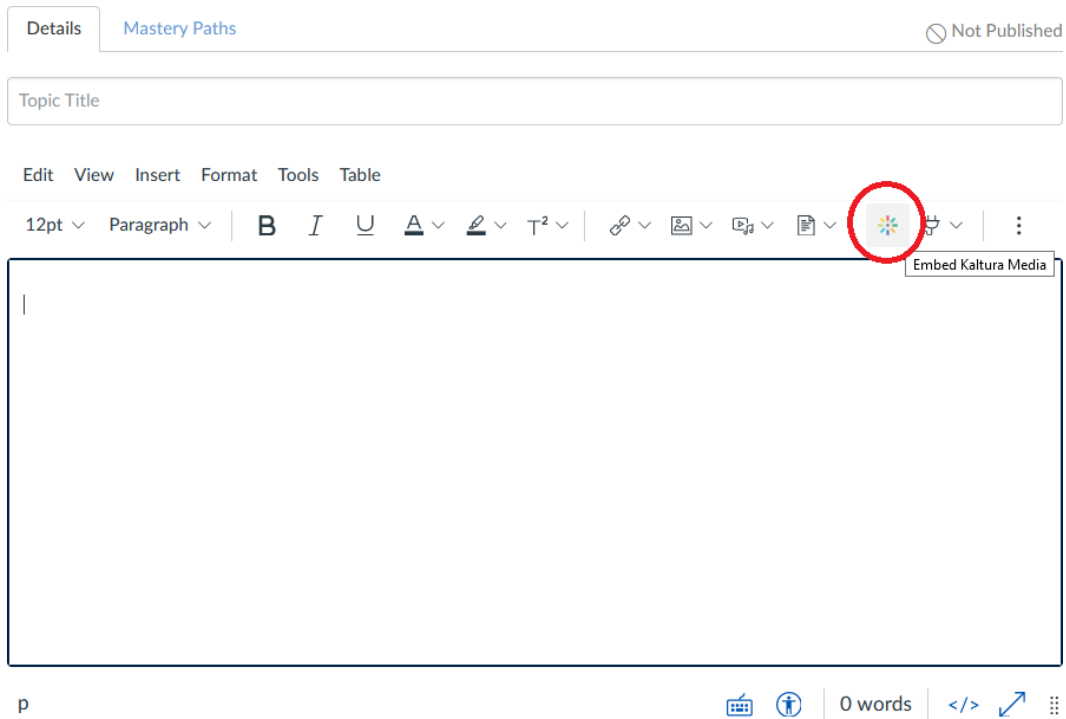
Cancel **Submit Assignment**

| Test Rubric | | | |
|--|----------------------|-------------------|--------|
| Criteria | Ratings | | Pts |
| How well does this address the question? | 25 pts Full Marks | 0 pts No Marks | 25 pts |

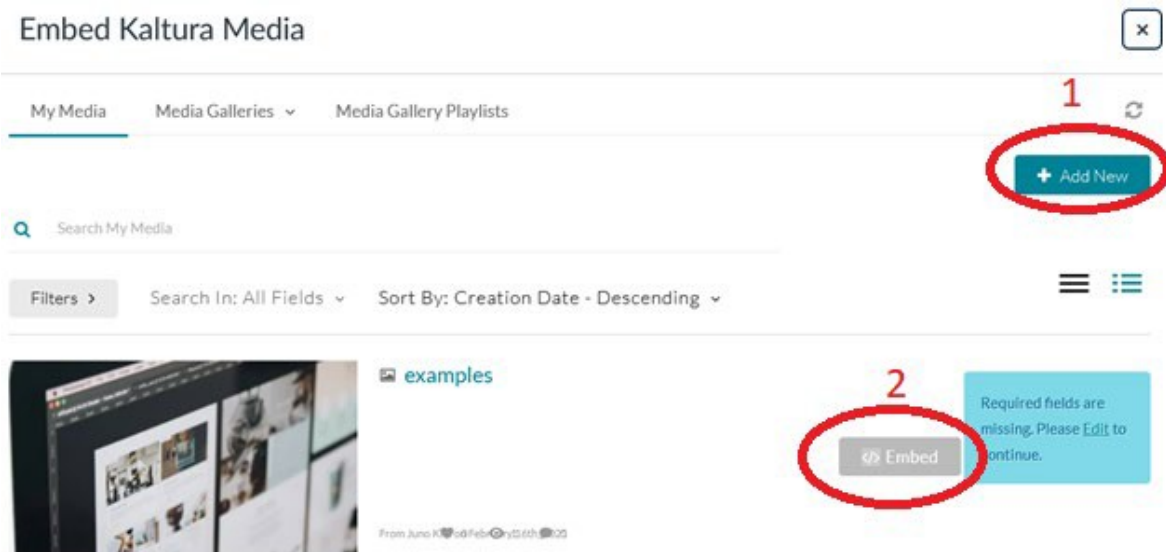
Fig 4. Student view of the Assignment Text Entry Box

Embedding or Submitting a video

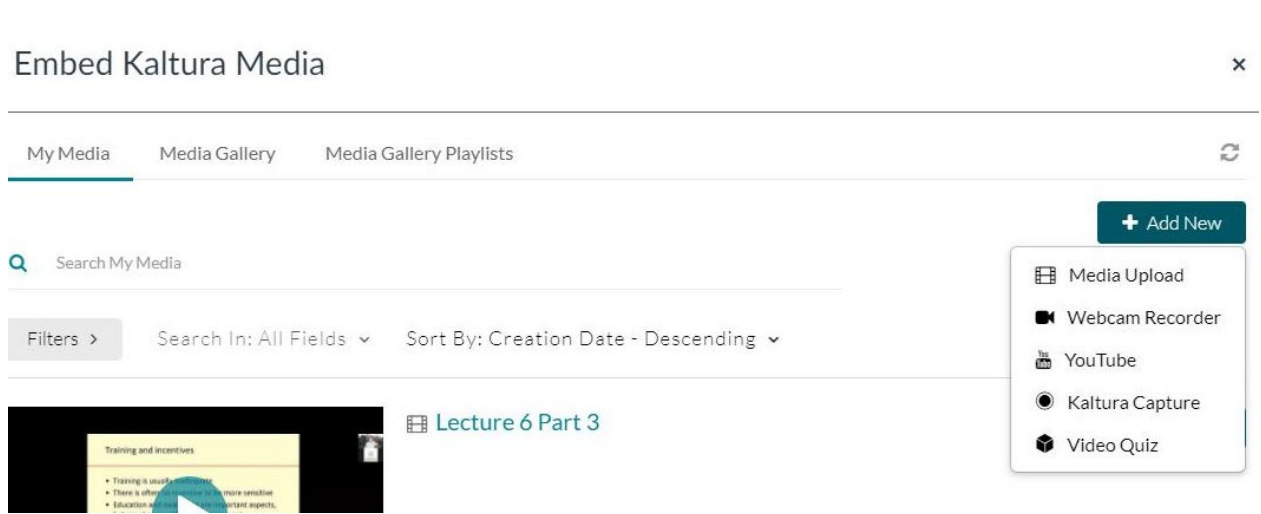
1. In any submission window with a Rich Content Editor (for example, a page, an assignment, a discussion or an announcement), click the Kaltura Media rainbow icon button.



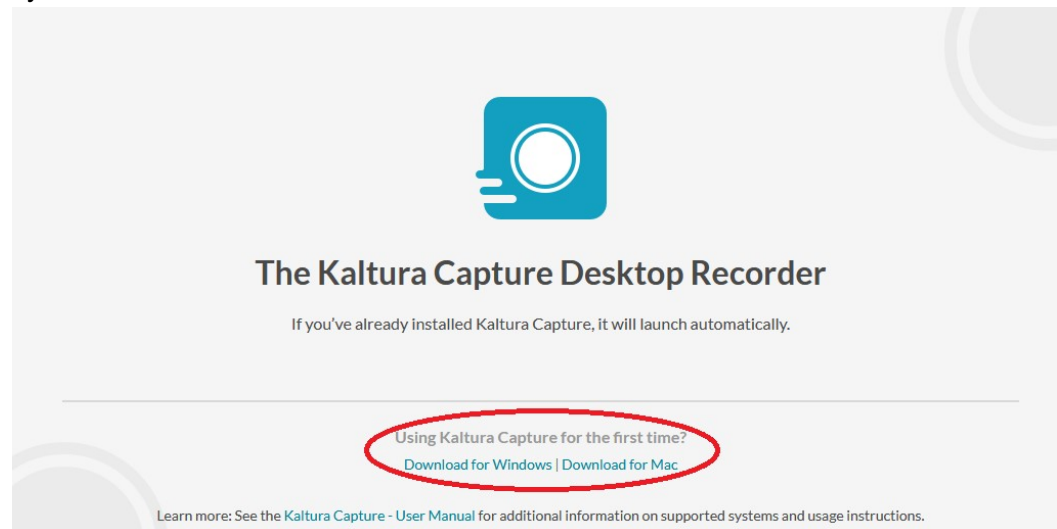
2. From here, videos can be uploaded to **Kaltura Media** using the blue-green **+ Add New** button and subsequently embedded in the post by clicking the **</> Embed** button.



3. Upon clicking the **Add New** button, you will be presented with several options.

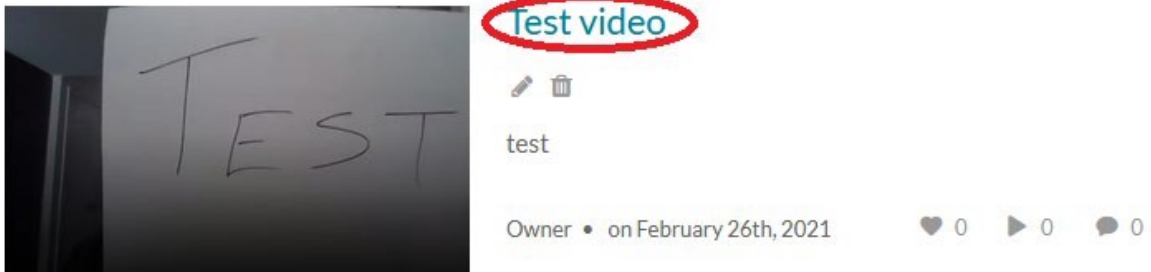


- a. Select **Media Upload** if you have already recorded your video, and have a video file that is ready to be uploaded.
- b. Select **Webcam Recorder** if you would like to record a clip *shorter than 10 minutes* using your computer's webcam.
- c. Select **YouTube** if you would like to add a *public* YouTube video.
- d. Select **Kaltura Capture** to launch the Kaltura Capture Desktop Recorder to record videos *longer than 10 minutes*. If you have not already installed the Desktop Recorder, click on the links below to download the installer for your operating system.

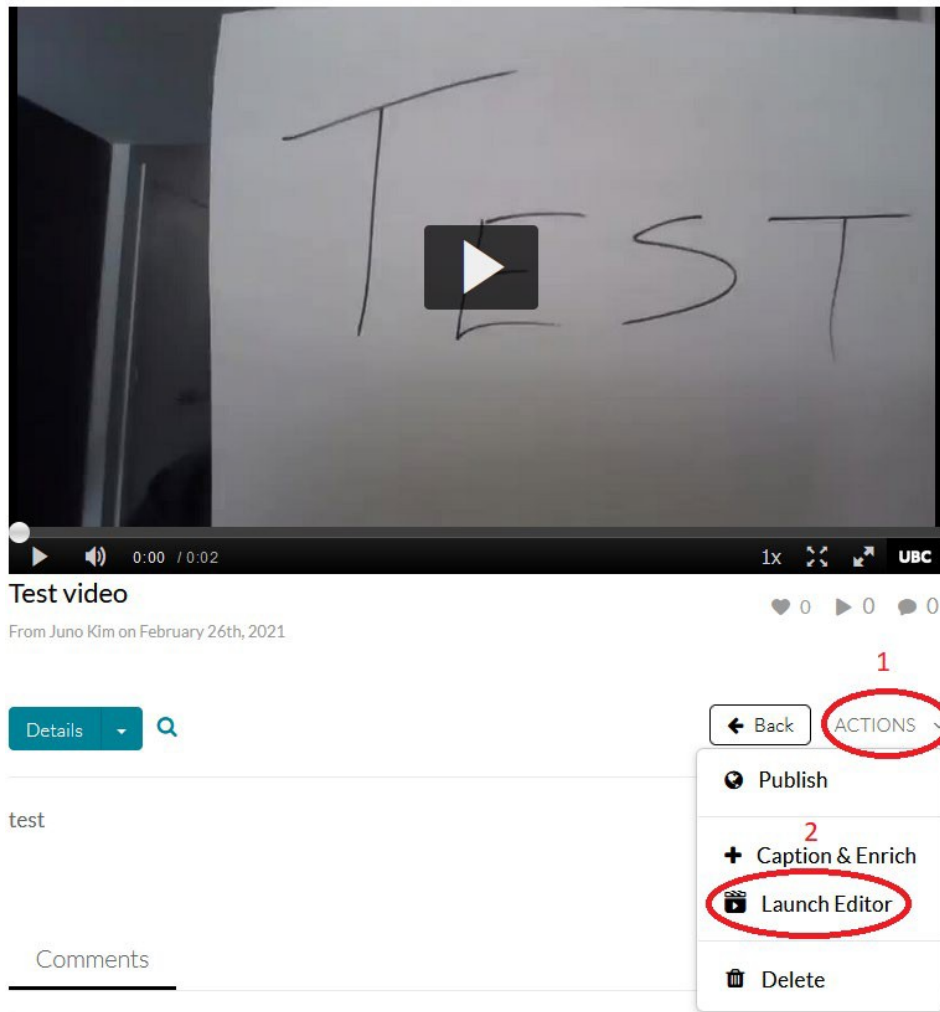


- e. Select **Video Quiz** if you would like to create a quiz that will be displayed within your videos.

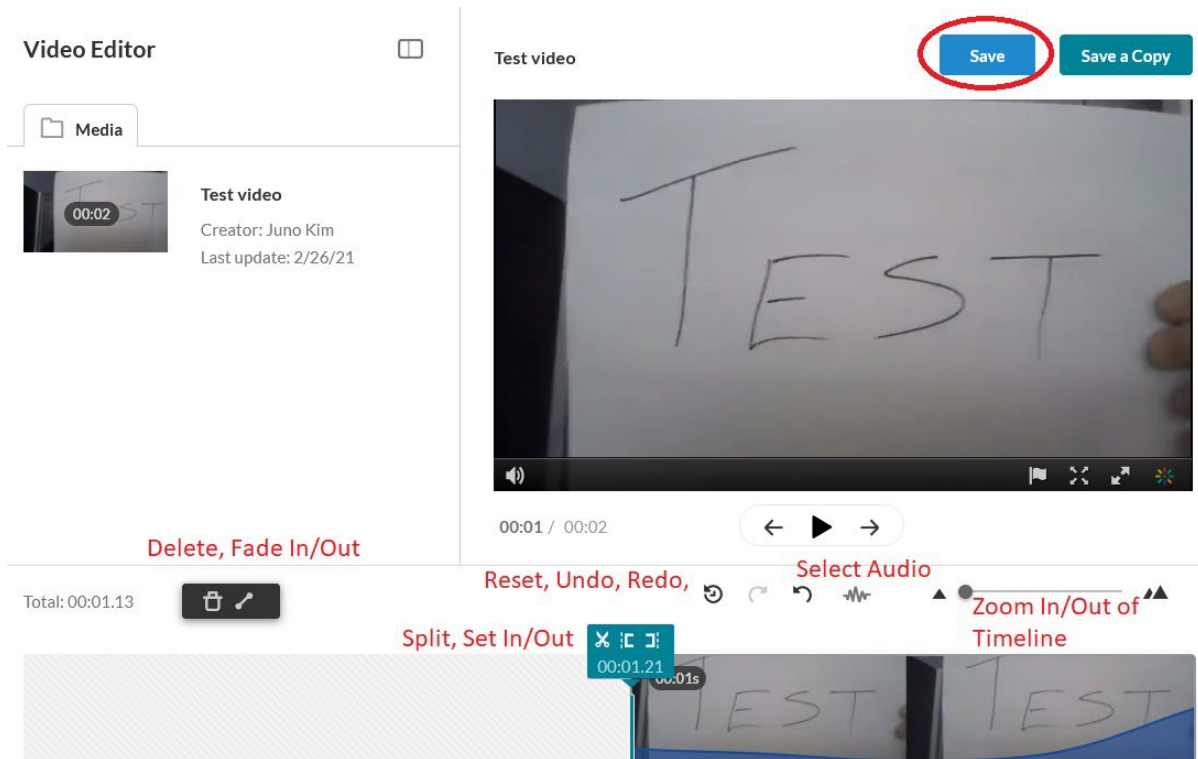
4. Click the title of the media you wish to edit once the video has finished uploading. A preview of your media will appear.



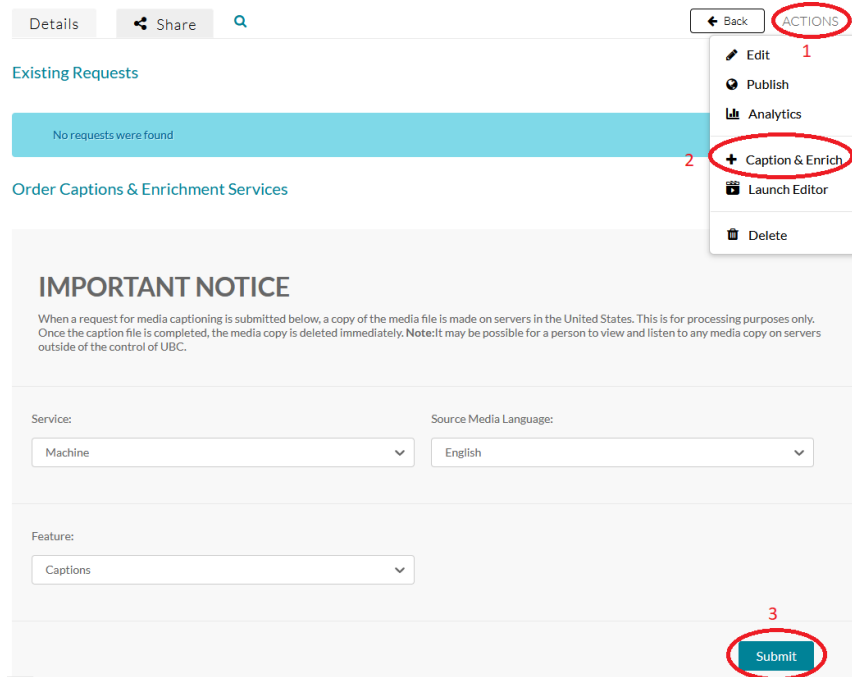
5. Below the preview of the media, click **Actions** and select **Launch Editor**.



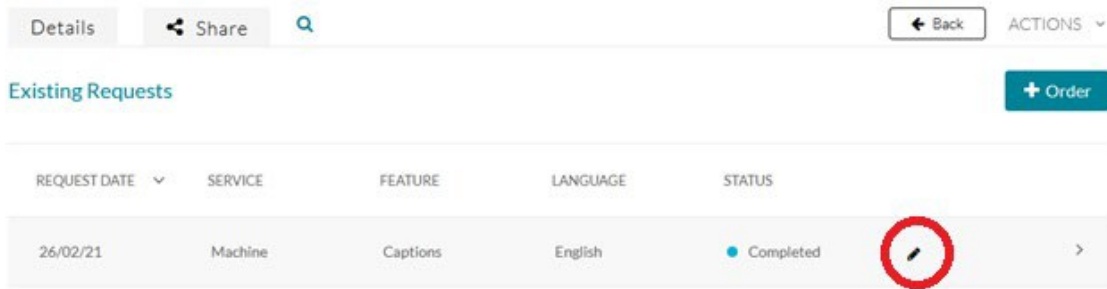
6. Use the options to trim, clip, or splice your media in the Kaltura editor, and press **Save**.



7. Kaltura also provides the option of automatically-generated closed captioning for video uploads, addressing accessibility issues that students may have with viewing videos online. Click on **Actions** below the video preview of the video you would like captioned, select **Caption & Enrich**, choose your parameters from the dropdown menus, and click **Submit**. Once finished, the video will automatically be updated.

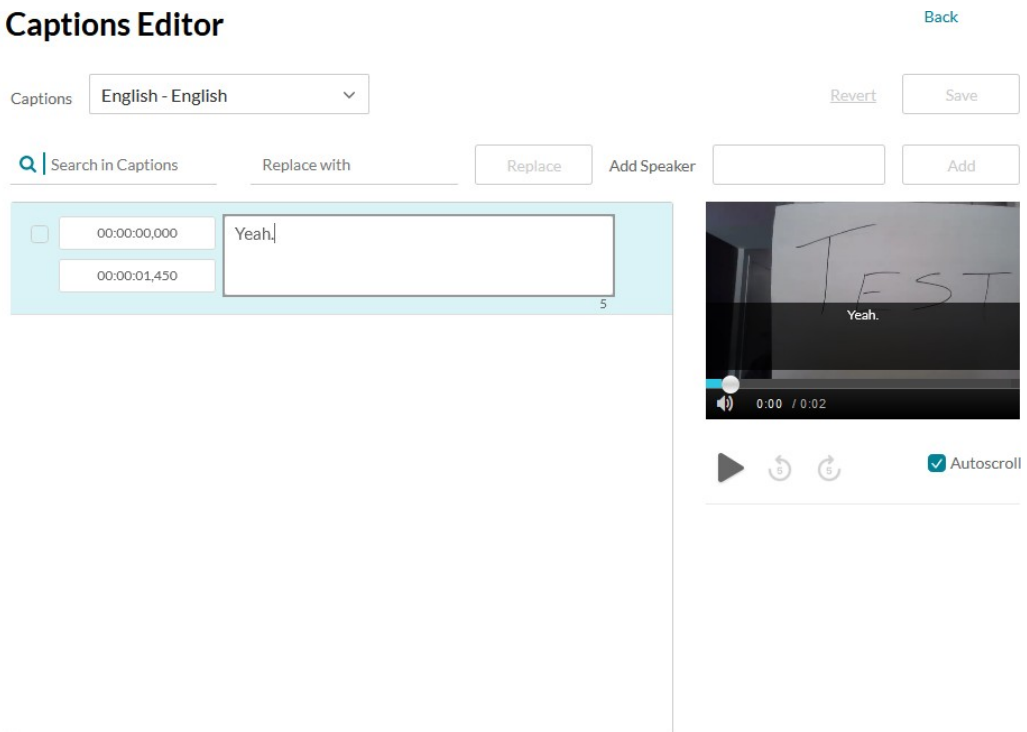


8. Once completed, the completed transcript will appear in the **Caption & Enrich** section. To edit the automatically generated captions, click on the **pencil** button.



9. From here, you can select the times at which you would like your closed captions to appear, edit the captions directly, and specify the speakers if there are multiple presenters on-screen.

Closed Captions Editor

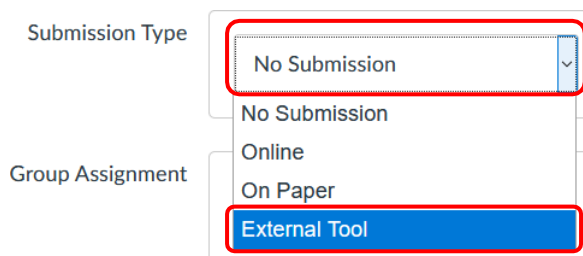


Linking Kaltura Quizzes to the Canvas Gradebook

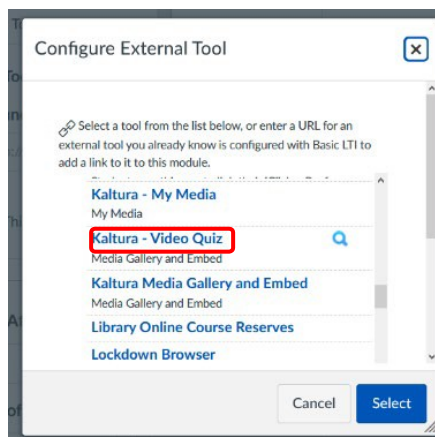
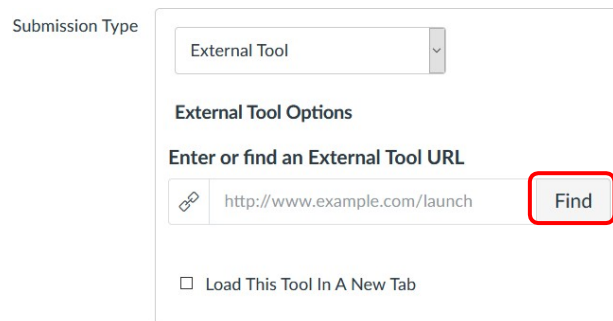
1. To publish the quiz as an assignment, go to the **'Assignment'** tab and create a new assignment



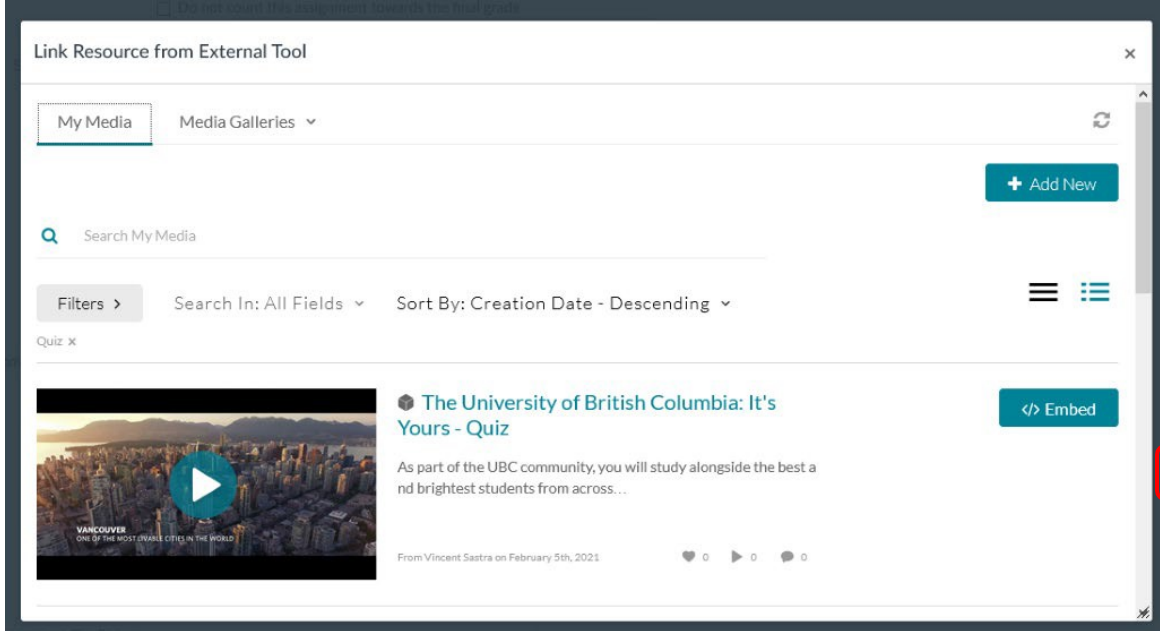
2. Click on the dropdown in **'Submission Type'** and select **'External Tool'**



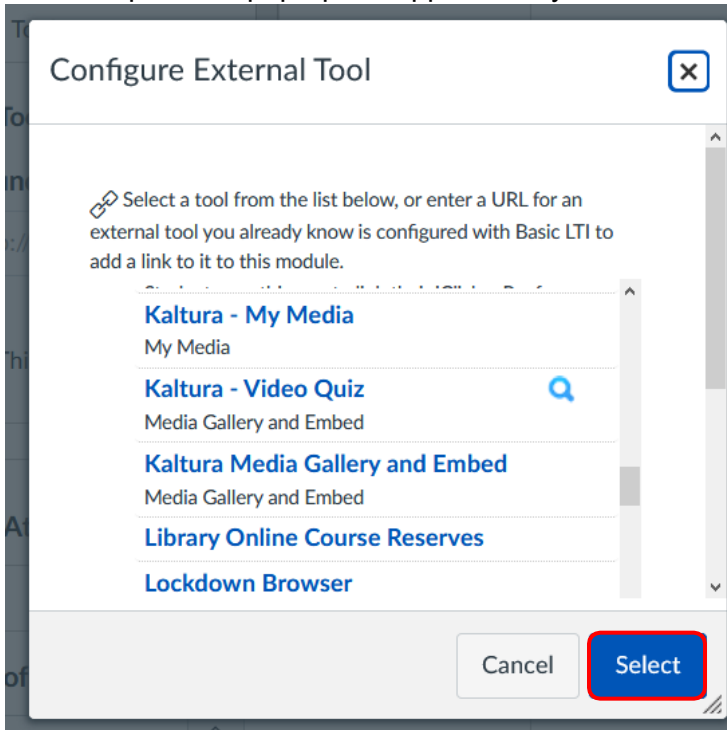
3. Click on the **'Find'** button that should appear and select **'Kaltura - Video Quiz'**



- A new pop-up will appear and you can find your quiz in the 'My Media' tab. Then, Click on the 'Embed' button beside the quiz.



- Then the previous pop-up will appear and you can click on 'Select'.



- Finally adjust all other option accordingly and when you're finished, click on 'Save & Publish' to publish the quiz

Anonymous Grading


Graders cannot view student names

Assign

Assign to



Everyone X

Due

Mar 2 11:59pm 

Tue Mar 2, 2021 11:59pm

Available from **Until**

Feb 28 12am  Mar 31 11:59pm 

Sun Feb 28, 2021 Wed Mar 31, 2021 11:59pm

+ Add

Notify users that this content has changed

Cancel **Save & Publish** Save

Differences Between My Media and Media Gallery on Canvas

My Media is a collection of all the videos recorded or uploaded with Kaltura, including those uploaded with the Rich Content Editor (as in the previous steps). It is associated with an individual's Canvas account, but not with a particular course. As an instructor, your students in a given course cannot see what's in your My Media collection, and vice-versa. Additionally, adding a video through the Rich Content Editor will not automatically link to the page, announcement or assignment to which it was uploaded from **My Media**.

The **Media Gallery** is a searchable gallery of video content that is available to everyone in your course, if it has been enabled in the navigational menu settings. Students can view all videos in the Media Gallery at any time. Students can also upload their videos to **Media Gallery**, but these videos need to be approved by instructors first to be published in the **Media Gallery** and to be accessible to the whole class. Again, note that embedding a video will not automatically add it to the Media Gallery course repository. For more information, see the **For Instructors & Students: Media Gallery** section at the end of this document.

Adding and Editing Videos in My Media

If there isn't a specific Canvas content page or an assignment to post a video, instructors and students can still create, upload and edit a video using Kaltura through Canvas My Media.

1. Ensure that the **My Media** is accessible in the Navigation Menu by going into **Settings** - > **Navigation**, and dragging the **Media** list item into the menu.

Step 1

The image shows two screenshots from the Canvas LMS interface. The top screenshot displays a vertical list of navigation items: [New Analytics](#), [Media Gallery](#), [SCORM](#), [Badges](#), [CLAS](#), [My Media](#), [Files](#), [Pages](#), and [Outcomes](#). Each of the last three items (Files, Pages, Outcomes) has a small trash icon to its right. The [Settings](#) item at the bottom of this list is highlighted with a red rectangular box. The bottom screenshot shows the 'Settings' page. At the top left, it says 'SD > Settings'. Below this is a horizontal navigation bar with tabs: 'Course Details', 'Sections', 'Navigation', 'Apps', and 'Feature Options'. The 'Navigation' tab is highlighted with a red rectangular box. On the left side of the page, there are links for 'Home', 'Announcements', and 'Modules'. The main heading of the page is 'Course Details'.

Step 2

[Course Details](#) [Sections](#) [Navigation](#) [Apps](#) [Feature Options](#)

Drag and drop items to reorder them in the course navigation.

| | |
|-------------------|---|
| Home | |
| Announcements | ⋮ |
| Modules | ⋮ |
| Discussions | ⋮ |
| Assignments | ⋮ |
| Quizzes | ⋮ |
| Zoom | ⋮ |
| Collaborate Ultra | ⋮ |
| Syllabus | ⋮ |
| People | ⋮ |
| Grades | ⋮ |
| Lockdown Browser | ⋮ |
| New Analytics | ⋮ |
| Media Gallery | ⋮ |

Drag items here to hide them from students.
Disabling most pages will cause students who visit those pages to be redirected to the course home page.

| | |
|--|---|
| My Media | ⋮ |
| <i>Page disabled, won't appear in navigation</i> | |
| SFM Course 1 | ⋮ |
| <i>Page disabled, won't appear in navigation</i> | |
| ComPAIR | ⋮ |

Step 3

[Course Details](#) [Sections](#) [Navigation](#) [Apps](#) [Feature Options](#)

Drag and drop items to reorder them in the course navigation.

| | |
|-------------------|---|
| Home | |
| Announcements | ⋮ |
| Modules | ⋮ |
| Discussions | ⋮ |
| Assignments | ⋮ |
| Quizzes | ⋮ |
| Zoom | ⋮ |
| Collaborate Ultra | ⋮ |
| Syllabus | ⋮ |
| People | ⋮ |
| Grades | ⋮ |
| Lockdown Browser | ⋮ |
| New Analytics | ⋮ |
| My Media | ⋮ |
| Media Gallery | ⋮ |

drag "My Media" from "hide" section below to "show" section above

Drag items here to hide them from students.
Disabling most pages will cause students who visit those pages to be redirected to the course home page.

| | |
|--|---|
| SFM Course 1 | ⋮ |
| <i>Page disabled, won't appear in navigation</i> | |
| ComPAIR | ⋮ |
| <i>Page disabled, won't appear in navigation</i> | |

Save

* Please make sure to click "Save" button.

2. Upon clicking the **Add New** button, you will be presented with several options described above on page 9

My Media



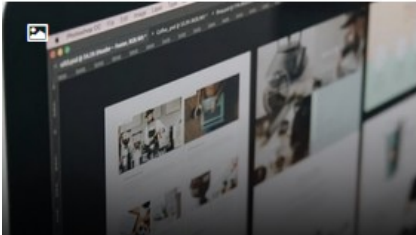
 Search My Media

Filters >

All Fields ▾

Creation Date - Descending ▾

 Add New ▾



examples



Owner • on February 16th, 2021

♥ 0

👁 1

💬 0

Load More

For Instructors & Students: Media Gallery

For Instructors:

1. Ensure that the **Media Gallery** is accessible in the Navigation Menu by going into **Settings** -> **Navigation**, and dragging the **Media Gallery** list item into the menu.

☰ SD > Settings

Home Course Details Sections **Navigation** Apps Feature Options

Announcements

Modules Drag and drop items to reorder them in the course navigation.

| | |
|----------------------|---|
| Home | |
| Announcements | ⋮ |
| Modules | ⋮ |
| Media Gallery | ⋮ |
| Discussions | ⋮ |
| Assignments | ⋮ |
| Quizzes | ⋮ |

2. To add videos to the **Media Gallery**, whether by upload or import from **My Media**, click the **Media** tab in the top left, and then the blue **+ Add Media** button.

Media Gallery¹

Home **3 Media**

Search this gallery

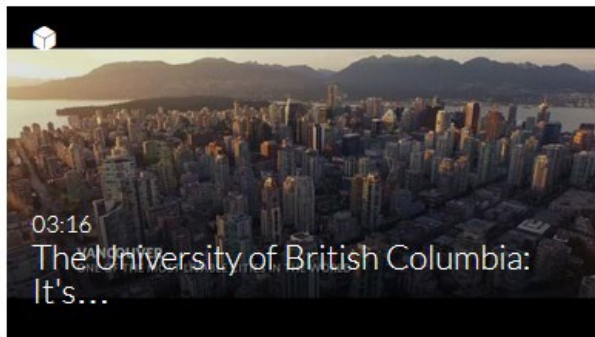
Filters >

All Fields ▾ Creation Date - Descending ▾



2

+ Add Media

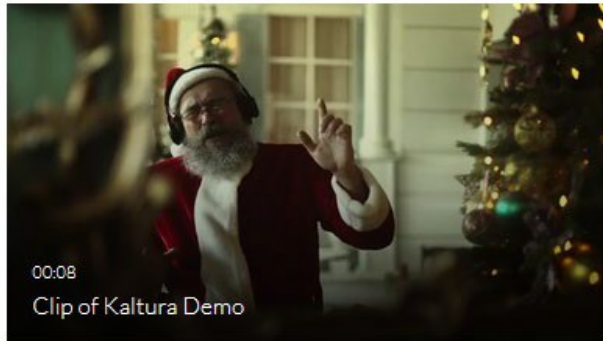


3. Within the **Media Gallery**, instructors can organize their videos into playlists and view analytic data. This is especially helpful as students will not have to scroll through pages if they seek just the videos to watch.

Media Gallery

Home 3 Media

☰ QUIZZES

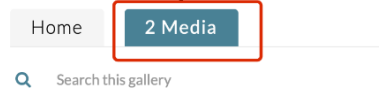


- 🔧 Edit
- 📊 Analytics
- 🕒 Import
- + Create channel playlist

For Students:

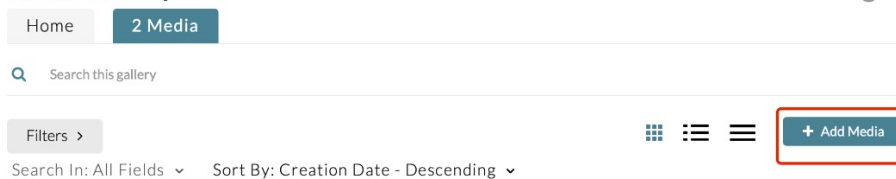
1. Students can also upload their own videos in the **Media Gallery**. To do this, switch to “**x Media**” tab

Media Gallery



2. Then, click “**+ Add Media**” button at the upper right corner.

Media Gallery



3. Select video(s) you want to upload, and then click **“Publish”**. Your request for publishing your video will be submitted to the instructors.

Media Gallery

Add Media After selection, click Publish and your request for publishing the video will be submitted to instructors Cancel Publish

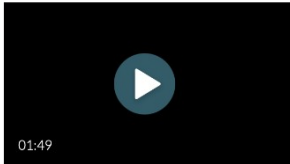
Select one or more media items to add to the current gallery ×

My Media ADD NEW ▾

Search My Media you can also choose to upload a new video

Filters ▸ Search In: All Fields ▾ Sort By: Creation Date - Descending ▾

select your existing media here

 All timecards in Spongebob! FREE DOWNLOAD!!! HD

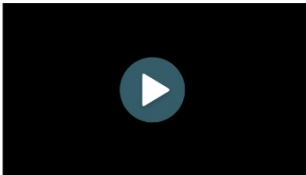
on March 1st, 2021 ♥ 0 ▶ 0 🗨 0

- a. Once a student submits a request to upload his/her videos, instructors will see a **“Pending”** tab pop up on Media Gallery's page. Instructors can choose either to reject or to approve students' videos here.

Media Gallery Home 2 Media 1 Pending

Search in Pending

Filters ▸ Search In: All Fields ▾ Sort By: Creation Date - Descending ▾

 All timecards in Spongebob! FREE DOWNLOAD!!! HD Approve Reject

From YIZHENG WANG on March 1st, 2021

Load More

4. Once instructors approve, students' video(s) will be published in the course **Media Gallery** and be visible to all the students in the class.

Additional Links

- LTHub Kaltura Instructor Guide
<https://lthub.ubc.ca/guides/kaltura-instructor-guide/>
- Faculty of Arts, Arts Instructional Support & Information Technology: Kaltura
<https://isit.arts.ubc.ca/kaltura/>
- Faculty of Education, Educational Technical Support: Sharing Video in Canvas Using Kaltura
<https://ets.educ.ubc.ca/sharing-video-in-canvas-using-kaltura/>
- UBCO Centre for Teaching and Learning: Kaltura
<https://ctl.ok.ubc.ca/learning-technologies/kaltura/>