



# Uploading Videos to Canvas

## Using rich content editor

Uploading your media files via the rich content editor rather than through the **Files** section of your course will mean that they do not contribute to your overall storage quota. Using this method will not allow students to download these files but they will be available for streaming. See the following link for the [official Instructure guide on how to do this](#). Stationery

## Embedding via youtube and Vimeo

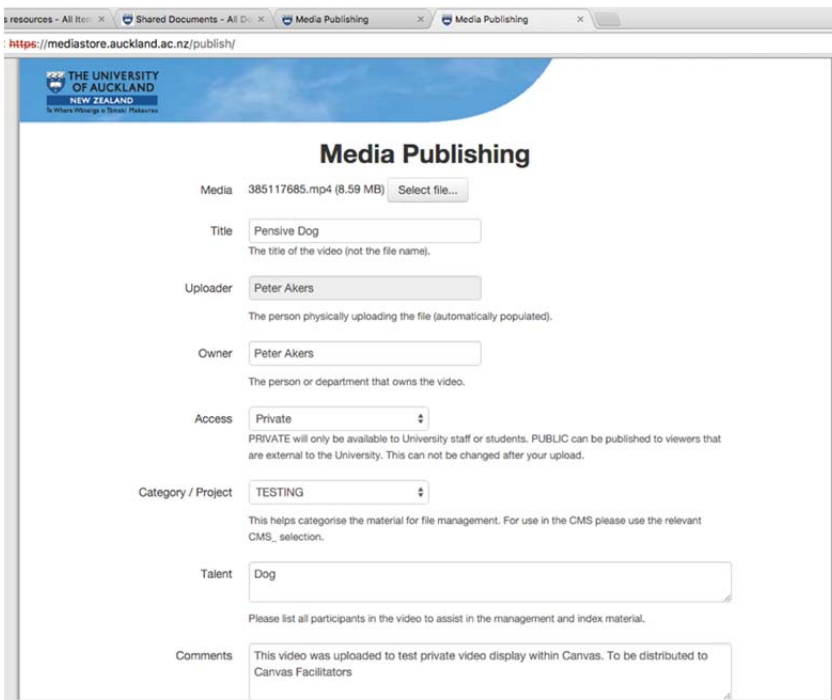
If desired, you can upload your videos to Youtube (or Vimeo) and either paste links or use the embedding functionality of the rich content editor. This will display the video within Canvas, meaning students don't have to leave your course page. A guide on how to do this can be found [here](#).

## Embedding via mediastore

This set of instructions is for hosting videos on Canvas for which you don't want a download button or 'share-able' URL. In cases where there is no privacy requirement it will still be much easier to use the 'embed youtube/vimeo' features in the rich content editor.

The video you want to upload needs to be in .mov or .mp4 format – if this is not the case there are several downloadable tools which can convert this for you.

To upload your video once you have the correct format, go to <https://mediastore.auckland.ac.nz/publish> and fill in the relevant fields. I selected 'private' as the setting for my videos but as far as I can see this should be optional.



The screenshot shows a web browser window with the URL <https://mediastore.auckland.ac.nz/publish/>. The page title is "Media Publishing" and it features the University of Auckland logo. The form contains the following fields:

- Media:** 385117685.mp4 (8.59 MB) with a "Select file..." button.
- Title:** Pensive Dog (with a note: "The title of the video (not the file name).")
- Uploader:** Peter Akers (with a note: "The person physically uploading the file (automatically populated).")
- Owner:** Peter Akers (with a note: "The person or department that owns the video.")
- Access:** Private (with a note: "PRIVATE will only be available to University staff or students. PUBLIC can be published to viewers that are external to the University. This can not be changed after your upload.")
- Category / Project:** TESTING (with a note: "This helps categorise the material for file management. For use in the CMS please use the relevant CMS\_ selection.")
- Talent:** Dog (with a note: "Please list all participants in the video to assist in the management and index material.")
- Comments:** This video was uploaded to test private video display within Canvas. To be distributed to Canvas Facilitators

A few minutes after you hit 'publish' you will receive an email from [mediaservices@auckland.ac.nz](mailto:mediaservices@auckland.ac.nz) which will have a preview link and thumbnails of the video, amongst other things. Look for where it says, "if you would like to place



this recording in systems that don't support the embed code, such as our LMS, please put the following code into the "Source" (HTML edit) page," and copy the following code.

mediaservices@auckland.ac.nz @ Today at 3:31 PM

To: Peter Akers Cc: mediaservices@auckland.ac.nz  
Published Media - Pensive Dog

Your uploaded video Pensive Dog (385117685.mp4), has been processed and can now be found online at:  
<https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.preview>

By using and distributing links to this video you agree that you are following the University's copyright policies, and that all material used in this video falls under one of the copyright licences the University holds. The licences can be reviewed here:  
<https://www.auckland.ac.nz/en/whare-wananga-and-students/whare-wananga-and-learning/100992919-for-aah.html>

If you are putting this onto a University of Auckland webpage, use this path to embed your recording:  
[/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.mp4](https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.mp4)

If you would like to make this recording stream within a webpage, please put the following code into the "Source" (HTML edit) page of your CMS.

```
<embed src="http://mediastore.auckland.ac.nz/assets/players/1/player.swf"
width="640"
height="480"
bgcolor="undefined"
allowscriptaccess="always"
allowfullscreen="true"
flashvars="provider=rtmp&streamer=http://vib-ftp-flash.auckland.ac.nz/vod&amp;file=/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.mp4&amp;image=assets/uoa_pga&amp;duration=58&amp;screencolor=FFFFFF"
/>
```

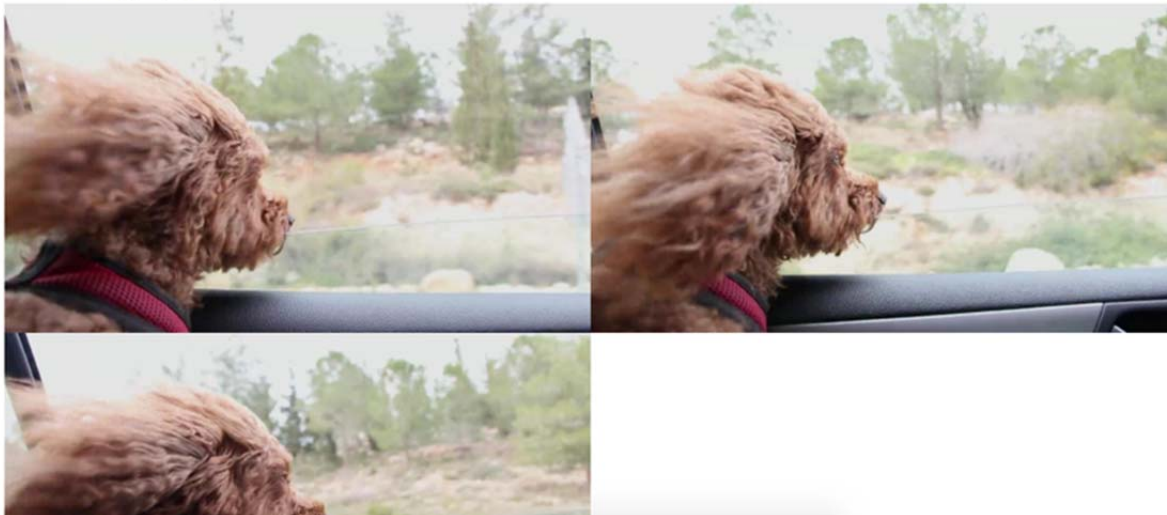
If you would like to place this recording in systems that don't support the embed code, such as our LMS, please put the following code into the "Source" (HTML edit) page:

```
<iframe src="https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.preview" width="780" height="513" allowfullscreen="allowfullscreen" frameborder="0"></iframe>
```

Three thumbnails were also generated at 2 seconds into your video, at 50% and at 75%. These are attached and available via the links below:

- [https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3\\_1.jpg](https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3_1.jpg)
- [https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3\\_2.jpg](https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3_2.jpg)
- [https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3\\_3.jpg](https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3_3.jpg)

Regards,  
Automated Video Processing System (not a person)



The next step is to create a content page within the relevant Canvas course, edit using the HTML editor and paste in the copied code, i.e.:

```
<iframe src="https://mediastore.auckland.ac.nz/uploaded/project/TESTING/02-2016/6D370C201DBF46D0BFEACAAE130C48C3.preview" width="780" height="513" allowfullscreen="allowfullscreen" frameborder="0"></iframe>
```

After saving there could be issues with the dimensions of the video but it can be easily resized using either the HTML or rich content editor.



## Final Product:

[View all pages](#)

[Publish](#)

[Edit](#)



### Pensive Dog



Note that although there is no button on this player which allows downloading or sharing to social media, people will always be able to screen-record so no video uploaded to Canvas can be completely contained. Avoiding confusion over this issue is the reason Canvas don't allow an option for removing the download button on videos uploaded the normal way.

## Compressing media files

Sometimes the issue causing storage quota to be exceeded is the size of a few files rather than the amount of files uploaded. In many cases, files could be compressed without any meaningful loss of video or audio quality. There are several ways this can be done and links for audio and video compression software are shown below:

### Video

[Miro Converter](#)

[Handbrake](#)

### Audio

[MP3 Smaller](#)

## Adding links via Google Drive Folders

This is a good solution where there is no way of limiting either file volume or size. Advantages are that it takes advantage of the vastly increased storage capacity on staff Google Drive accounts and it produces a nice-looking page. To the untrained eye it is difficult to tell that anything has actually been embedded.



To do this, create a [shared google drive folder \(Links to an external site.\)](#) and insert relevant files. Making sure they are logically and clearly named is not essential but will have downstream benefits. Generate a shareable URL for the relevant documents and copy it.

Next, create a content page and use the HTML editor. Paste the copied Google document URL for future use and enter the following code:

```
<iframe src="https://drive.google.com/embeddedfolderview?id=FOLDER-ID#list" (Links to an external site.) style="width:100%; height:600px; border:0;"></iframe>
```

The pasted URL will look something like this:

<https://drive.google.com/drive/u/0/folders/6F8vJHrkFmhQzYk1wcQMxXzNYTUM> (Links to an external site.)

To get the correct code, replace 'FOLDER-ID' with the folder ID from the URL, which is the text after '...folders/...' so the correct code will be equivalent to:

```
<iframe src="https://drive.google.com/embeddedfolderview?id=6F8vJHrkFmhQzYk1wcQMxXzNYTUM#list" (Links to an external site.) style="width:100%; height:600px; border:0;"></iframe>
```

After getting the folder ID, you can delete the shareable URL from the page. Hit **Save**. To view the links as a grid instead of as a list replace #list with #grid. The alternate views are shown below. Any changes you make within the shared folder on your Drive account will be reflected on your Canvas page.






Lecture Recordings: PWA1 | X

← → ↻ <https://canvas.auckland.ac.nz/courses/16690/pages/lecture-recordings> ☆ 🔔 🔒 🔄 🏠

Teacher > Pages > Lecture Recordings

Home    ⚙️

## Lecture Recordings

Building Demolition...
Flight Timelapse.mp4
Subway Arriving.mp4

- Home
- Syllabus
- Announcements
- Assignments
- Discussions
- Grades
- People
- Pages**
- Files
- Quizzes
- Modules
- Reading Lists
- Chat
- Cover Sheet
- Course Roster
- Conferences
- Outcomes
- Collaborations
- Settings

Lecture Recordings: PWA1 | X

← → ↻ <https://canvas.auckland.ac.nz/courses/16690/pages/lecture-recordings> ☆ 🔔 🔒 🔄 🏠

Teacher > Pages > Lecture Recordings

Home    ⚙️

## Lecture Recordings

TITLE	LAST MODIFIED
Building Demolition.mp4	4:39 pm Peter Akers
Flight Timelapse.mp4	4:39 pm Peter Akers
Subway Arriving.mp4	4:39 pm Peter Akers

- Home
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