

# Working With Recorded Digital Video and iMovie (Macs only)

To Transfer Videos that you've recorded from the Canon Vixia HD Camera to your Mac, the camera must first be plugged into AC Power. The plug is located on the outside of the camera, near the hand strap.

1. Once plugged into AC Power, plug the USB Cable into one of your Mac's USB Ports, and then into the camera.
2. Turn the camera on with the On/Off button
3. Press the Play button on the camera, directly below the On/Off button
4. On your Mac, open iMovie to import media directly from your camera to your project.
  - a. Open iMovie and click on the "Import" arrow. You can import from the camera directly, or you can add videos and photos that are already on your Mac.
  - b. Whether importing directly from the camera, or from your libraries, you now have to select media to add it into your project. In iMovie, clips are sorted by date - select individual files or select "Import all."
5. The media clips and photos that you add into your project aren't automatically dropped in to your timeline. Click the Create "+" sign to start making your movie.
  - a. **Themes** can be selected at this time to automate transitions and titles.
  - b. Selecting "No Theme" will let you make the video all on your own with no pre-set choices.
6. Once your movie is started, select from the media clips and photos on the top left hand of iMovie to add them in to the timeline.
  - a. Click on a clip to highlight it in yellow.
  - b. Any portions of a video clip that are being used in your timeline will have an orange line under it.
7. Things you can change in your video:
  - Click and drag clips around within the timeline to change their order
  - Highlight a photo or clip and press "delete" to **remove it** from your timeline
  - **Adjust a photo duration length** – move your mouse to the end of a photo in the timeline whose duration you want to adjust. The pointer will change into a left-and-right-arrow symbol. Click and drag to the left to shorten the duration; click and drag to the right to lengthen the duration.
  - **Split a clip into portions** – move the horizontal yellow progress line to where you want to split your clip and press command + b (or control + click and select 'split clip')
    - Shorten a clip – once you split off a portion you don't want to use, you can shorten the clip by deleting the portion that you split off.
  - **Adjust colors and volume, rotate video, speed up or slow down the video, apply video and audio effects and stabilize shaky video by clicking on a clip and selecting "adjust"** – play around with the settings!

- **Add sounds** from the content library portion of the screen (located at the lower left-hand corner)
    - This can be from your iTunes library (non DRM files only), from a selection of provided sound effects, or even from a song made in GarageBand.
    - Voiceovers are different. Go to the “Window” menu item at the top of your screen, then select “**Record Voiceover.**” Under your preview image, a microphone icon will appear. Click it and a countdown will begin. Click it again to end recording. The Voiceover track will appear as a green bar beneath your timeline. Drag and click it to move it to the appropriate place.
8. **Save your movie** when you are ready by clicking on “share” up near the top of your screen. To save as a local file, select “File.”
    - a. The File menu gives some important information about your video. Its length and how large iMovie estimates the file size can be found beneath the preview thumbnail.
    - b. Choose a title for your movie and a description, if you wish.
    - c. Finally, the size can be adjusted depending on your needs. By default, iMovie defaults the video resolution to match that of the lowest-quality clip you included in your video. Adjusting the size (click on it to get options) will give you a new estimate about file size under the preview thumbnail
    - d. If you need the smallest file size, and don’t really care about the quality of the video, select “SD 480p” The video may still not be small enough to send via email, but it will be as small as possible.
    - e. Click ‘Next’ and select a location on your mac to store the video. By default, it will try to save it to the ‘Documents’ folder.
  9. Once your file is saved, transfer it to an appropriately sized USB Drive, or upload it to Microsoft OneDrive or other cloud service.
    - a. Microsoft OneDrive through UWM’s Office365 access provides a particularly good option for saving. Students each get a large 1TB storage space and you can share your files easily with fellow students or your professor from within OneDrive’s web access.
    - b. If your video needs to be uploaded to D2L’s dropbox, you will need to find out from your professor how they can best recommend uploading it

A basic video tutorial illustrating the highlights of the above instructions can be located here:

<https://www.youtube.com/watch?v=2hyigXF309U>

Information about the equipment available for loan at the UWM Library can be found here:

<http://uwm.edu/libraries/media/media-equipment-for-loan/>

D2L “My Media” access information for professors can be located here: <http://uwmltc.org/?p=7860>