

# Working with Recorded Digital Video and Windows Movie Maker

To Transfer Videos that you've recorded from the Canon Vixia HD Camera to your PC, 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 computer's USB Ports, and then into the camera.
2. Turn the camera on with the On/Off button
3. To open a transfer dialog box, be sure to press the Play button, directly below the On/Off button
4. On your PC, click "Import Pictures and Videos" when the autoplay window pops up for the Camera.
  - a. Click Import on the following screen – this will begin saving photos and video from the camera to your computer. Feel free to tag the media at this time if you like (totally optional).
  - b. **WARNING** - Be sure that the "Erase after Importing" box is NOT checked. If it is checked, your photos and videos will all be deleted from the camera once they are transferred to your computer.
  - c. Your photos and video clips will (oddly enough) all be saved to your "Pictures" library, rather than your videos folder.
5. If you need to combine photos and video clips, open "Movie Maker" at this time.
6. Once in Movie Maker, click on "Add videos and photos" to begin importing media into your project. Do them individually, or all at once.
  - a. Note – importing a lot of video or large video files can take time.
  - b. Also, as they are imported, Movie Maker will need to start processing the data in the background – this is represented by a stopwatch icon over the video clips. Once the stopwatches disappear, the video chunks are ready to work with.
7. Note the spiky lines within the frames of the media in your timeline. This means that there is existing sound in the clips. If you need to eliminate this sound, or amplify it, see below.
8. Things you can change in your video:
  - Click and drag clips around within the timeline to **change their order**.
  - Right click on a photo or clip and select '**Remove**' to drop it out of your video.
  - **Shorten a clip**: Slide the horizontal black progress line through a video clip by clicking and dragging it.
    - i. Once it's where you want it, right click and select "set start point" to remove any of the clip before it that you don't want in the video.
    - ii. OR select "set end point" to mark the end of that clip. Anything in the clip after that will vanish from your video.
  - **Visual Effects**: Click on a particular video clip or photo to highlight it in blue.
    - i. Click on Animations and select a transition to apply to a particular clip. (or apply to all)
    - ii. Click on Visual Effects and select an effect to apply to the clip. (or apply to all)

- iii. Click on Edit to **raise, lower or silence the volume** of the clip's audio – or to fade the sound in or out.
  - iv. Edit will also let you adjust the number of seconds that a photo will remain on the screen.
  - **Add Music:** From the Home tab, click on “Add Music” to add a soundtrack to your video, or to jump to web sources for music or other audio. Audio files appear as a green bar below the video.
    - Double clicking on the green audio will let you **adjust that volume** in the “Options” tab, much like you can edit the audio of the original video.
  - **Record Narration:** From the Home tab, click on ‘Record Narration’ to use your computer’s microphone to record your commentary. This will show up as a brown bar below the video.
    - Double clicking on the brown audio will let you **adjust that volume** in the “Options” tab, much like you can edit the audio of the original video.
  - **Fit to Music:** If you are working largely with photos, and you also have your audio laid out, you can get Movie Maker to automatically adjust the length of time the photos are on the screen to help match the audio length.
    - Click on the “Project” tab and select “Fit to Music” to adjust. This works particularly well if your video presentation is shorter than the music you have chosen.
9. **Save your movie** by returning to the “Home” Tab and clicking “Save Movie”
- a. If you need the video to be the best quality possible, select 1080p “for high definition display”
  - b. If you need the smallest file size, and don’t really care about the quality of the video, select “For email.” The video may still not be small enough to send via email, but it will be as small as possible.
  - c. Other settings are in between or for specific types of mobile devices. Play around to find what will work best for you.
  - d. Advanced users can select “Create a custom setting”
10. 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=bR2Uagk\\_0TA](https://www.youtube.com/watch?v=bR2Uagk_0TA)

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>