

# Editing with iMovie



## Connecting your Camcorder to your Computer

Take the 4pin to 6pin firewire cable.  
Connect the 4pin (small end) to the base station of the digital camcorder

Connect the 6pin (larger end) to the workstation  
(also in the front of computers in Rm 346)  
Look for this symbol:



## Opening iMovie & Your Project

Open the iMovie icon (one with clapboard) on the Dock (middle thing on the bottom of the screen). If it's not on the dock, you might have to look in the applications folder under "All" for iMovie HD.

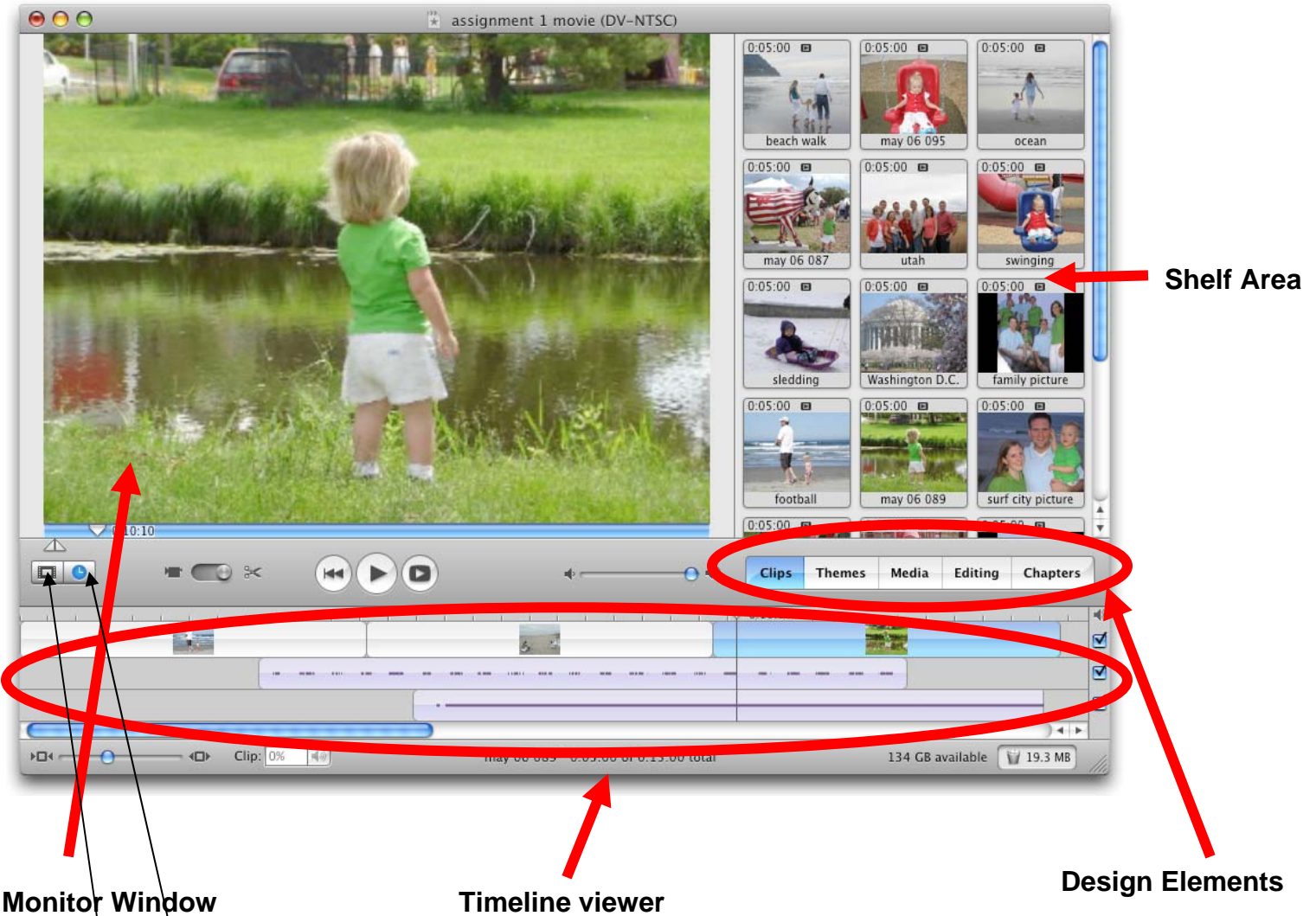
Once in iMovie, select **CREATE NEW PROJECT**. For **Where?** choose the **DESKTOP** (easiest option for saving). Give your project a **NAME** (choose carefully this is nearly impossible to change later) and press **CREATE**.

The Monitor Area should have a blue screen with either the message **CAMERA CONNECTED** or **CAMERA DISCONNECTED**. If you are getting the latter message turn your camcorder on. Make sure it is in **PLAY/EDIT** mode. You may get a squealy feedback sound if you have your camcorder in camera/tape mode. If you aren't getting any messages, make sure the gray slider is on the camcorder icon, and not the scissor icon.

## Screen Layout in iMovie

- **Monitor Window** – use the controls to view your footage (stop, rewind, play)  
Look for **PLAYHEAD**
- **Shelf Area** – storage area for your clips
- **Design Elements Menu Bar** – Clips/Themes/Media/Editing/Chapters  
Add transitions, titles, effects & audio
- **Trash** – delete unwanted clips by dragging them to the trash in lower right corner
- **Clip Viewer** – place to edit clips & add transitions – larger overview
- **Timeline Viewer** – place to edit clips, audio, transitions, effects. Look for **PLAYHEAD**.

# SCREEN LAYOUT



There are two different ways to view your movie in iMovie: (choose "View" from the menu bar)

**The Timeline Viewer:** Represents each clip in proportion to its actual length  
Allows you to add / edit audio

**The Clip Viewer:** Represents each clip as a slide  
Easier to add transitions, effects & titles



## Features in iMovie

### Importing Your Footage

Turn your camcorder on, and put it into **Play / Edit** mode. Make sure the LCD display on the camcorder says “DV in”. You may now use the LCD display controls to rewind / fast forward / play your footage. You can also control the camera with the iMovie controls. When you have come to the beginning of your footage, and you are ready to import it into iMovie, **press PLAY first (triangle)** and then **IMPORT**. It will automatically start downloading clips into your shelf area. Press **IMPORT** again to stop importing.



### Renaming Your Clips / Length

It may be easier to work with your clips, if they have more meaningful names. Simply highlight the current name, ie CLIP 01 with your mouse and type in a new name. Also observe that at the top of each clip is the duration of the clip:

01:23:20 = 1 minute, twenty-three seconds, and 2 frames.



### Creating Your Movie

Make sure you are in **CLIP VIEWER** mode. Drag the clips you want to edit down into the clip viewer. You may rearrange them to your heart's content. You may delete an entire clip by dragging it to the trash – or by selecting it and pressing delete. Select multiple clips to dragging by clicking on the shift key first. \*One note about selecting clips, is that once a clip has been selected it turns blue, and iMovie will only act on that one clip (ie, play, edit, etc). To **DEselect** a clip, simply click on any gray area in iMovie.

**iMovie is really all about DRAGGING & DROPPING.** To put a clip into your movie, just drag it down to your timeline or clip viewer area (the bottom section).



### Splitting & Deleting

Highlight one clip with your mouse. Use the playhead to get to a particular point in the clip. Go to **EDIT** and the select **SPLIT CLIP AT PLAYHEAD**. This will break your clip into two parts. You may then delete the clip portion you no longer want.

Or...

Another way to delete, crop & clear footage is as follows:

Select a clip. You should see two triangles below the scrubber bar, you can drag them to extend the yellow bar. You may use this to **CLEAR** that particular section, by going to **EDIT** and selecting **CLEAR**. Or you may use this method to delete the non-yellow portions. To do this, go to **EDIT** and select **CROP**. Using this option, only the yellow footage will remain.

## Titles (EDITING > TITLES)

Titles are a fun method of adding extra information to your movie. You have many options to choose from. Again, you can preview them in the monitor. Change the color, the size, the font. For this example, click **OVER BLACK** (checkbox in lower left corner). This will create a separate black clip.

In the middle portion of the TITLES menu, is where you write in the text. When you are finished, click "ADD".

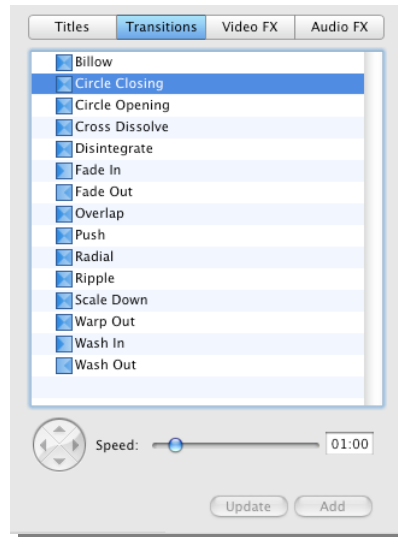
Titles can only appear over black or at the BEGINNING of a clip. If you need to "fake" the beginning of a clip, simply SPLIT the Video at the playhead, and then you can insert a title.

The same suggestions apply for credits options within titles that you may want to insert at the end of your film.

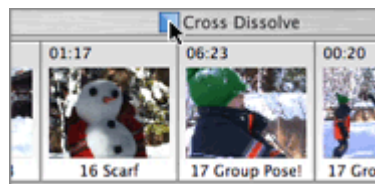


## Transitions (EDITING > TRANSITIONS)

Transitions are a nice way to move from one clip to another, in a non-jarring way. Keep in mind that your clip must be longer than your transitions. That is, you can't use a 4 second transition on a 3 second clip. Simply click on.

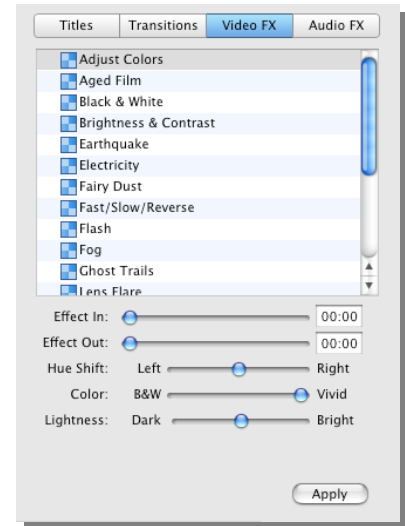


Select either one clip or two, depending on the transition (one triangle = one clip, two triangles = two clips) Select any type of transition you want, and it should automatically show a preview. The round box on the side with arrows, is for certain transitions that allow you to change the direction of the transition, such as PUSH. When you have selected the transition you want, simply drag it down into the CLIP VIEWER and release. iMovie will show a red line, whenever it is processing design elements. You will need to wait until it has finished processing.



## Effects (EDITING > VIDEO FX)

Some effects can be used when filmed, some can be added in iMovie. Often they are the same time of effect: black & white, sepia, etc. If you have a large clip, it will take iMovie a long time to process the effect. If you'd like to try it, select a clip with your mouse and then click APPLY to add the effect that you've selected. Final effects will usually look smoother after being rendered than they are in the preview.



## Still Clips (EDIT > CREATE STILL FRAME)

To make a still clip of any portion of your footage, simply put the playhead wherever you'd like to make a still clip. Go to **EDIT > CREATE STILL FRAME**. A clip will appear in the shelf area at a default 5 second length. Double click on the clip to change the length.

## Importing Images 1 (FILE > IMPORT) OR MEDIA > PHOTOS)

To import still image files, or photos, you can go to FILE > IMPORT and then locate an image. However, we recommend importing all image files into iPhoto for two reasons. First, iMovie is designed to automatically upload files from iPhoto. Secondly, the Ken Burns Effect (see later heading) can only be controlled on images coming from iPhoto.

## Importing Images 2: The Ken Burns Effect (MEDIA > PHOTOS)

The Ken Burns Effect adds motion to still pictures by zooming in or out. To use this effect photos must be imported through iPhoto (to access iPhoto, go to: DESKTOP > MACINTOSH HD > APPLICATIONS > Iphoto).

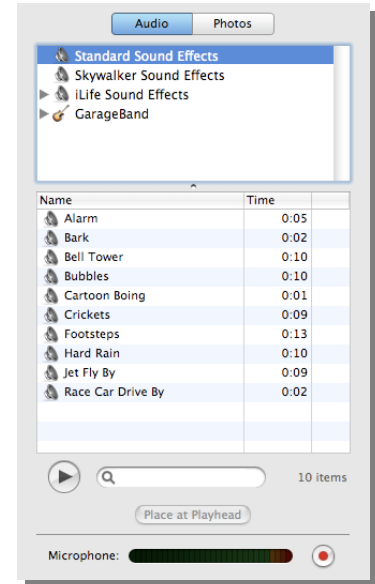
Once your photos are in iPhoto, click on MEDIA > PHOTOS within iMovie. Find the location of your desired photos in top of the photo-window. Next, click on the desired photo in the bottom photo-window. The Photo Settings window will then open. Here are some features you will find within the Photo Settings window:

1. Click on the "Ken Burns Effect" check box to turn the effect on or off.
2. The Start-End dial. Click on the "Start" side to see the beginning of the motion. Click on the "End" side to see the end of the motion.
3. The top slider bar controls the amount of zoom used.
4. The bottom slider bar controls the zoom speed.
5. The reverse button switches the starting and ending point of the zoom.
6. Click "APPLY" to create a new copy of the photo in the timeline.

## Audio (MEDIA > AUDIO)

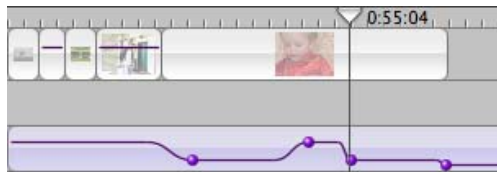
To add audio, you'll need to have the **TIMELINE VIEWER** open. To get to the timeline viewer, look for two buttons on the left side of the screen under the video preview. The picture of the film is for the clip viewer and the picture of the clock is the timeline viewer. There are four ways to add audio in iMovie:

1. Add a sound effect from their library. To apply the sound, simply drag and drop the file into the **TIMELINE VIEWER**, into either the 1<sup>st</sup> or 2<sup>nd</sup> audio track. You can move the effect, once you have placed it on the timeline.
2. You can also record your own audio. Click on the red and white button to record and to stop recording. The recorded clip will be wherever the playhead is on the timeline. You need a microphone to record this way.
3. Music can be imported from a CD. Simply insert a CD by pressing the eject button (upper right on the keyboard). Insert the CD, and push the eject button to close the CD tray. A CD icon should appear on the desktop. Double click this icon to view the tracks in a window. You may drag and drop any track into the iMovie timeline. Treat audio clips in the timeline as you would video clips. Click and drag the ends of the clip to lengthen or shorten them.
4. iMovie can import music directly from your iTunes library.



## CHANGE VOLUME

1. First, **Control+Click** on a clip in the timeline
2. Select **“Show Clip Volume Levels”**
3. Click on the audio line and drag to desired level



## SEPARATE VIDEO AND AUDIO

You can separate the video and audio from a single clip by right clicking on a clip in the timeline viewer and choosing “Extract Audio.” You can use this option to use the audio from one clip with the video from another. It is important, however, to keep your audio and video clips lined up if you want a speakers voice to match his/her mouth movements. You can also extract audio if you want to delete the audio to make a clip silent.

## **Saving Your Movie / Exporting Your Movie**

There is one way to save your movie and three ways to export it. If you are ready to save, click on FILE > SAVE PROJECT AS. Save it to the desktop.

If you'd like to export your movie for use elsewhere, you have three options:

1. **Export back to the camera** - this allows you to save the movie to the MiniDV tape (or VHS tape, if you desire). You lose the option to edit iMovie features once exported. If imported again, the footage would appear to be "original" movie footage. When exporting you can choose how much, if any black space you'd like at the beginning of your film.  
\*\* Important Note \*\* If your computer also has Final Cut Pro, this feature will be disabled until you move certain files. See a lab staff member for assistance.
2. **Export to Quicktime** – this would allow you to save your movie in a web-friendly format. Make sure that movie titles have been edited for **QT Margins**.
3. **Export to iDVD** – this allows you to record the movie to a CD (or DVD, if you have a DVD burner!)

You may also want to back up your project on an external hard drive or even an iPod – especially if you are still editing. **\*Never delete or rename any clips in your project folders or media folders – it will cause many problems!!**

## **Using iDVD – A Brief Introduction**

iDVD and iMovie are very compatible, so burning onto a DVD is relatively simple. Here's a brief how to:

### **Exporting**

To export your finished movie into iDVD, simply click FILE > EXPORT. Next click the **iDVD button** on the upper menu bar, and then click SHARE. This will automatically launch iDVD and export your movie.

### **Choosing a Theme**

iDVD offers several themes for the DVD menu screens. Select THEMES from the menu bar in the lower right hand corner of the window. Select different themes using the dropdown menu in the upper right hand corner of the window. To choose a theme, click on the thumbnail and it will appear in the larger window.

### **Customizing the Menu**

You can customize the menu by selecting MENU from the menu bar in the lower right hand corner of the window. Here you can adjust the main settings of your root menu (Hint: double click on the text in the monitor window to edit the text).

### **Customizing the Buttons**

You can customize the menu by selecting BUTTONS from the menu bar in the lower right hand corner of the window. Here you can choose button shapes, labels, size and color.

### **Media**

Click on the MEDIA button, located in the lower right hand corner of the window, to select audio, photos, and movies to add to your DVD.

**Preview Movie**

When your DVD menu is set up, it is a good idea to preview the movie by clicking on the **PLAY** button centered below the monitor window. The DVD will begin as if newly inserted into a DVD player, and a “remote control” device will appear so you can fast forward and rewind. To stop the preview, click the exit button on the “remote control.”

**Burning a DVD**

Once everything is how you want it, its finally time to burn your DVD!!  
Click the **Burn** button twice at the bottom of the window (it looks like a pinwheel).

**Insert** a blank **DVD-R** into the disc drive

(A NOTE ABOUT DVDs : it is important that you bring a **DVD-R disc**, NOT DVD-RW, DVD+RW, or DVD+R, because our drives are only compatible with DVD-R discs. )

**Finishing UP**

Be patient as the computer goes through the stages of preparing, encoding and burning the DVD. This may take a while. When the disc is done burning, **the drive will automatically eject the DVD.**

**Importing from VHS**

To import footage from a VHS tape, you can simply use one the CIMC’s analog video editing stations (one for Macs – one for PCs). You put your tape in the VCR, go to iMovie, select FILE, and the Import – the VCR will act just like a camcorder attached to your computer.