



# 3D Animation/Video

## Adding Music & Voice Over

In this lesson you will learn how to adding music and voice over into your video. Again there will be some short video demos available on the “PHSPhoto” in a folder called “Final Cut Demos”. You may use these videos if you are not understanding what to do from the instructions in this lesson. The demo names are identified by brackets around the name and in **Bold** print. Example: **[demo]**

### Adding Music:

There are a couple of ways that you might want to add music to your video. One way is from a CD or like musical source. We will first start by getting a music track from a music CD. You will be expected to add a track to your video and then do a screen shot to turn in for credit. After you have finished you may remove the music and voiceover that you did for this exercise if you feel it doesn't work with your video. Mr. R. has a CD of the PHS jazz band that you may use to get the track from.

### Adding a Track from a Music CD:

When adding tracks from CD's or other music sources you will need to transfer the track to a folder on your computer. Otherwise the CD or source would have to be in the computer at all times that you are using Final Cut. Let's make a folder inside the folder that you are saving your Final Cut video to and name it “Music”. We will put all our music tracks into this folder. **[Music from CD.mov]**

1. Open a window on the desk top showing the “Music” folder.
2. Double click on the music CD to open a window that shows all the tracks.
3. Choose a track that you want to use.
4. “Drag and Drop” the track to the “Music” folder.

The next steps you will do while in the Final Cut Express program, but first we will discuss how to bring in a track from Garageband.

### Adding a Track from Garageband:

We can not add a track directly from Garageband. To get access to a track from Garageband, we must do the following steps:

1. While the song that you made in Garageband is open in Garageband, go to File>Export to iTunes. Now we should be able to retrieve the song that was created.
2. As you did in the above instructions, open a window for your “Music” folder and then double-click on the harddrive icon to open a second window.

3. Click on the “Music” icon in the lower left of the window. [**Music from Garageband.mov**]
4. Click on “iTunes”.
5. Click on the folder called “iTunes Music”.
6. Locate your song, drag and drop it into the “Music” folder that you made for Final Cut.

Now do a **Screen Shot** of the “Music” folder open showing both the track from CD and the track from Garageband. Put the Screen Shot in a new folder called “YourName.Music”.

### Importing Music Tracks into Final Cut:

Now we should be ready to import you audio (music) tracks into Final Cut. Since we have both tracks in a folder we will be able to import both at the same time. This can speed things up when working with Final Cut.

1. Go to File>Import>Folder.
2. A window called “Choose a Folder” will open. Locate the “Music” folder and then click on “Choose”.
3. The “Music” folder will show up in the “Browser” window. After you complete this do a Screen Shot showing that you have completed it. Do a **Screen Shot** showing the “Music” folder in the “Browser” window.
4. By double clicking on the “Music” folder you have access to your music. Now you can bring the tracks into the Timeline.

### Making Adjustments on the Music Tracks:

You won’t always want to have the level of the sound be the same for all the tracks. Some tracks you will want to be louder than others. You may want some tracks to fade in or fade out. This section and the demos will show you how to accomplish this. [**Adjusting the sound level.mov & More Audio Adjusting.mov**]

#### Changing the Level of the Sound for the Whole Track:

1. In the lower left corner of the Final Cut interface is a button called “Toggle Clip Overlays”. See Fig. #1. Click on this button and you will be able adjust the level of the sound.
2. Notice that some red lines show up on the Audio tracks. By moving your cursor to the lines you notice that the cursor changes. See Fig. #2. Now you will be able to click on the lines and raise or lower the sound level.



Fig. #1 Toggle Clip Overlays

#### Changing the Level of the Sound for Part of a Track:

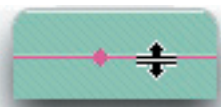
1. Click on the “Pen Tool” in the Tool bar that is on the far right.
2. Using the “Pen Tool” click on the red line where you want to start the change in sound level. See Fig. #3. A red dot should show up. Click some where to the right of the first dot to indicate where you want the change to stop.
3. By moving the dots up or down you can control the sound level of a section of the audiio track.



Fig. #2 Sound Level Cursor

Now do a **Screen Shot** showing the use of the Pen tool and the red dots to change the sound level of part of an Audio track.

Fig. #3 Red Dot



## Adding Voice Over:

There may be times that you want to add some “Voice Over” to your video. Voice Over is when you don’t have video that is recorded at the same time as the audio. We have an USB Mic that you can use to do some voice over.

1. Make sure the mic is plugged into a USB port and turned on.
2. Go to Tools>Voice Over
3. A window like the one seen in Fig. #4 will open up.
4. If the mic is on you should see the Level meter move as you make sounds.
5. Place the Yellow marker at the place that you want the Voice Over to be recorded.
6. Click on red button in the “Voice Over” window. There will be a count down until the recording starts.
7. Start speaking when the recording starts.
8. Play it back on your timeline to see if you got it at the sound level you want.
9. If the sound level is too low you can up the “Gain” in the “Voice Over” window. See circled area in Fig. #4.
10. You can also adjust the sound level like you did earlier with the music.

Do a Voice Over on your video and do a **Screen Shot** to show that you have done it.

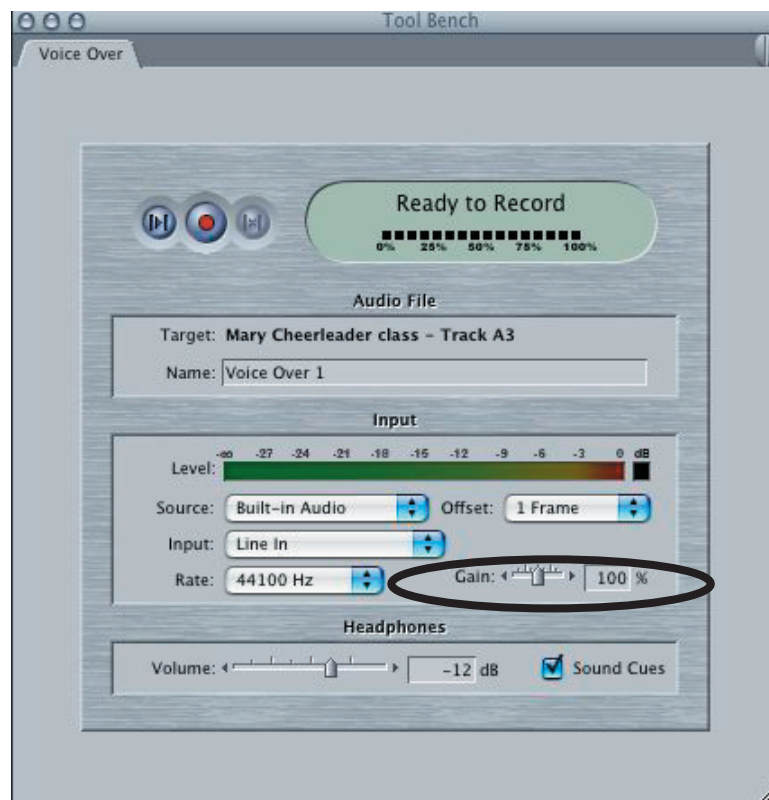


Fig. #4. Voice Over window

When you have completed this lesson rename each of the Screen Shots. Turn in the screen shots in the folder you created for this lesson into the Animation Drop Box. Put your name on the lesson evaluation sheet and put the evaluation in your assignment folder. Place the assignment folder into the period turn in tray.