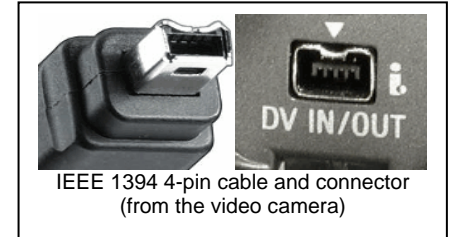


instructional support

Enhancing Teaching and Learning through Technology

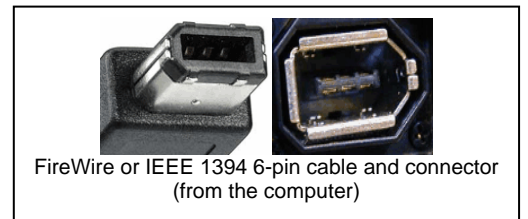
Movie Maker (Windows XP)

Windows Movie Maker is an easy to use video editing software that is included with Microsoft Win XP Service Pack 2 or Windows Vista. It contains features such as effects, transitions, titles/credits, audio track, timeline narration, and Auto Movie. This handout is designed to get you started on the most common digital video editing tasks. The best way to grasp the depth of this software is to use it.



You will need:

- MiniDV digital video camera with docking station (available for checkout in PCC libraries)
- MiniDV tapes (you will need to purchase)
- Computer that supports digital video connection (faculty labs are equipped)
- DVD burner if you plan to distribute on this media (faculty labs are equipped)
- Microsoft Windows XP with Service Pack 2 (faculty labs are equipped)
- FireWire port on your computer and a cable to connect the camera to the port (faculty labs are equipped)
- Tripod – depending on the type of video you are making (available for checkout in PCC libraries)
- Headphones / microphone if you are recording sound (faculty labs are equipped)



You can download Movie Maker 2.1 for Win XP at:

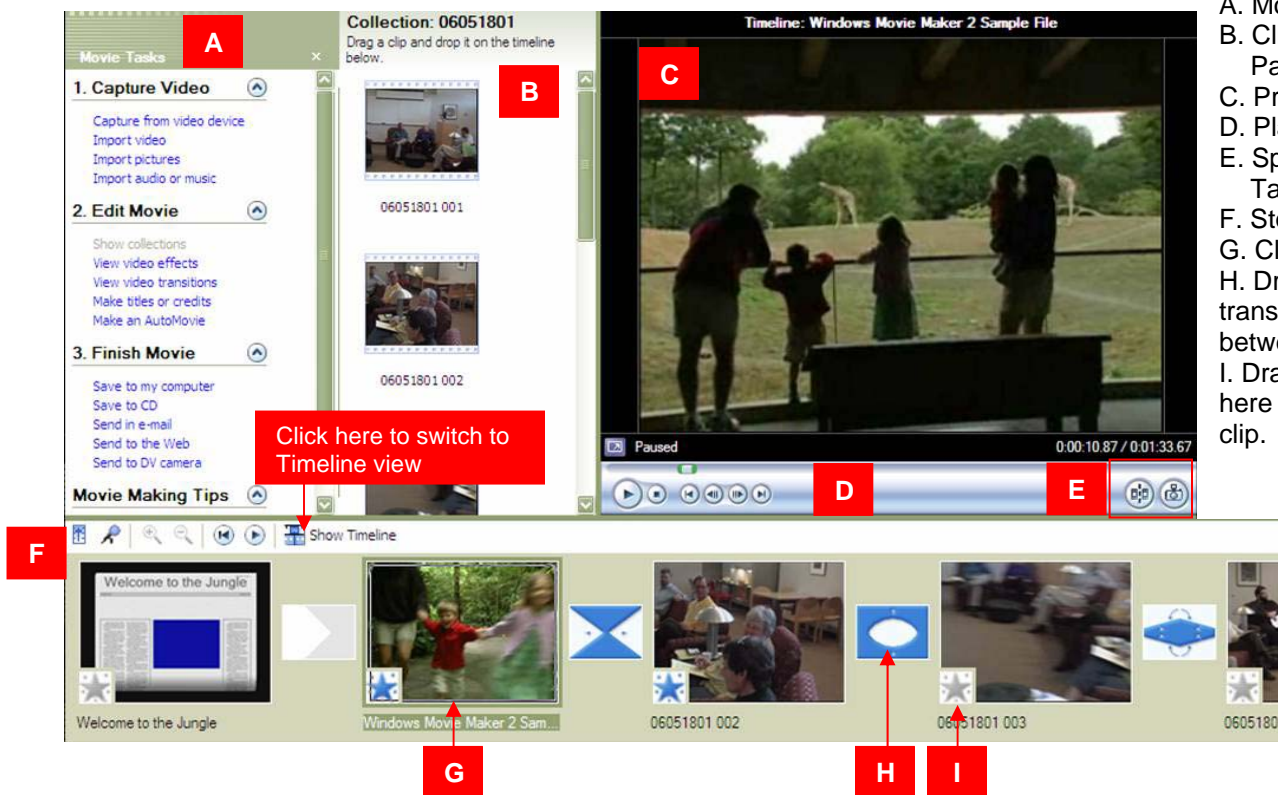
<http://www.microsoft.com/windowsxp/downloads/updates/moviemaker2.msp>.

To download Movie Maker 2.6 for Win Vista at:

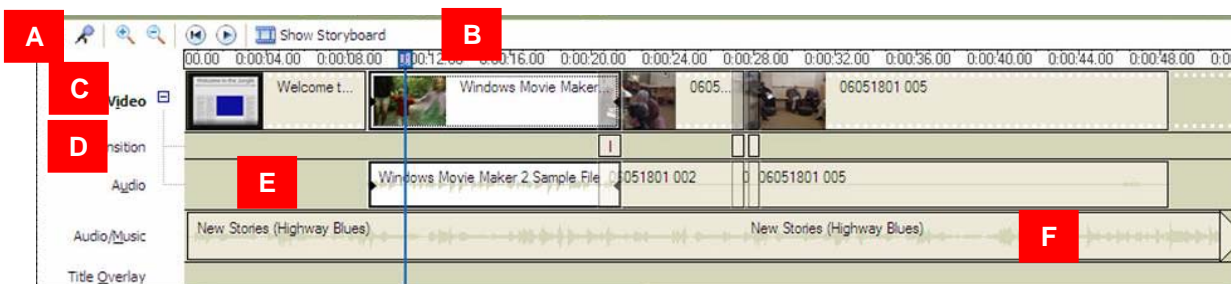
<http://www.microsoft.com/downloads/details.aspx?FamilyID=D6BA5972-328E-4DF7-8F9D-068FC0F80CFC&displaylang=en>.

The Movie Maker workspace – Storyboard view

- A. Movie Tasks Pane.
- B. Clips/ Collection Pane.
- C. Preview Pane.
- D. Playback Control.
- E. Split 1 clip into 2; Take Picture.
- F. Storyboard control.
- G. Clip Viewer.
- H. Drag a video transition here between 2 clips.
- I. Drag a video effect here to apply to this clip.



The Movie Maker workspace – Time line view



- A. Timeline control.
- B. Play head – blue line shows where you are on the timeline.
- C. Video Timeline (click + to expand menu).
- D. Transition Timeline.
- E. Audio Timeline (original from clips).
- F. Audio/ Music Timeline (import audio clip).
- G. Title Overlay Timeline.

PART I The Basics

Supported file types

You can add content to your Windows Movie Maker project either by capturing content directly in Windows Movie Maker or by importing existing digital media files. The content you capture in Windows Movie Maker is saved in Windows Media Format. You can import files with the following file name extensions into Windows Movie Maker to use in your project:

- **Audio files:** .aif, .aifc, .aiff, .asf, .au, .mp2, .mp3, .mpa, .snd, .wav, and .wma
- **Picture files:** .bmp, .dib, .emf, .gif, .jfif, .jpe, .jpeg, .jpg, .png, .tif, .tiff, and .wmf
- **Video files:** .asf, .avi, .m1v, .mp2, .mp2v, .mpe, .mpeg, .mpg, .mpv2, .wm, and .wmv

Importing Video from a Digital Video Camera

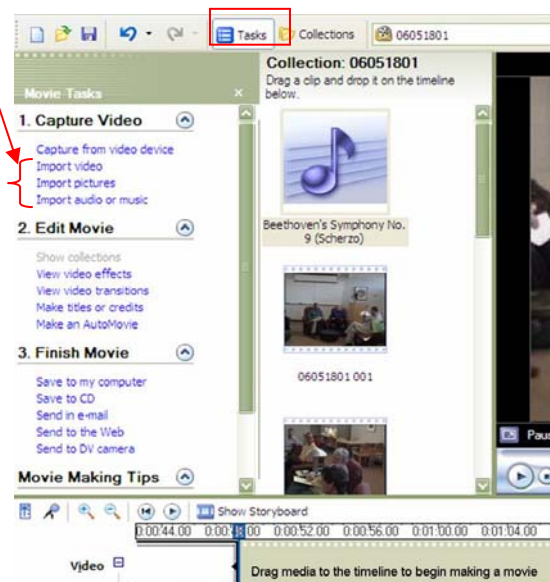
1. From the Start menu, select Programs → Accessories → Entertainment, and click **Windows Movie Maker**.
2. Plug a FireWire cable to the FireWire port on the computer and the other end of the cable to the digital video camera/docking station. FireWire is preferred for faster capturing time (see camcorder manual for further info).
3. Turn your camera on, and set it to playback mode, this will initiate the video capture wizard. Position the tape at the point where you want to begin capturing if you don't want the entire tape.
4. On the **Capture Video File** page, type a name for your video and location where you want to store the files. Then click **Next**.
5. On the **Video Setting** page, accept the default settings by clicking **Next**.
6. On the **Capture Video** page, click **Start Capture** and press **play** on your camcorder.
7. You will be able to view what is being captured in the preview pane. If you reach the end of your recording before it reaches the end of your tape, click the **Stop Capture** button, and then click **Finish**.

Automatic Scene Detection

Your movie will appear in the **Clips Pane**. Movie Maker automatically senses the start and end of scenes in your videos and makes separate clips for each segment.

Adding Clips to your movie

1. Click **Import Video** from the task menu
2. Navigate to the video file you want to import, select it and click **Import**. The clip will appear in the Clip Pane.
Also available in the task menu are options to **Import pictures** and **Import audio or music**.
3. As you import clips you will notice that when you import a second one, the first clip is removed from the Clip Pane.
When composing a video from several sources you will need to import the first, drag it to **the Video Timeline**, then import the next, drag it and repeat the process until you have all your clips in the timeline.



Deleting Unwanted Clips

To delete unwanted clips, right-click on the clip and select **Delete**.

PART II Editing

Editing clips

To split a video or audio clip - This is useful if you want to insert either a picture or a video transition in the middle of a clip. You can split a clip that appears on the storyboard/timeline of a current project.

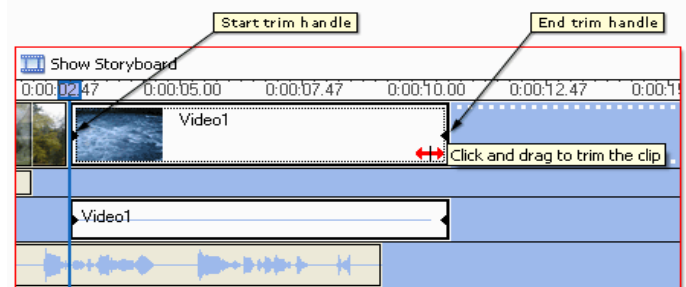
1. On the Storyboard/Timeline, select the clip you want to split.
2. Using the Playback control click **Play** and watch the clip in the **Preview Pane**. When you reach the point where you want to split the clip, click **Pause**.
3. On the **Playback Control** area, click the **Split** button.



To combine a split audio or video clip

Combining clips is useful if you have several short clips and you want to view them as one on the storyboard or timeline. In the Contents pane or on the storyboard/timeline, hold down the CTRL key, and then select the contiguous clips you want to combine.

1. On the Storyboard/Timeline, hold-down the **CTRL** key while selecting the contiguous clips you want to combine.
2. Click on the **Clip** menu on the top and select **Combine**. (The name and property information of the first clip in the group is used for the new clip and the time is adjusted accordingly.)



Trimming clips

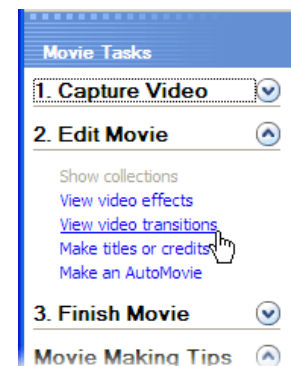
By trimming clips, you can hide unwanted parts of an audio or video clip or file. When you trim a clip, the information is not removed; it is hidden from your audience, so unwanted parts do not appear in your project and final saved movie. You can drag the trim handles, which are shown in this illustration, to trim the unwanted parts of the clip.

PART III

Special Effects

Add transitions between two clips

1. In the **Movie Tasks** pane, under **Edit Movie**, click **View video transitions**.
2. Preview transitions by double-clicking them and watching the Preview Monitor. Once you've found a transition you like, drag it to the box between two of your clips.
3. In the Preview Monitor, click the **Play** button to watch your transition in action. If you don't like it, just return to the previous step to replace it with a different transition.
4. If you decide not to use any transition, right-click it on the storyboard, and click **Delete**.



How to add a special effects

You can use special effects to change how your clips play in several different ways:

- **Speed up by double** or **Slow down by half**
 - Zoom in using **Ease In**, or zoom out with **Ease Out**
 - Make clips look older by using **Sepia Tone**, **Film Age** or **Grayscale**.
 - Experiment with the **Rotate** effects.
 - **Fade In** or **Fade Out** ease transitions.
 - Fix exposure problems with **Brightness**, **Decrease** or **Brightness Increase**
1. In the **Movie Tasks** pane, under **Edit Movie** click **View video effects**
 2. Preview effects by double-clicking them and watching the Preview Monitor. Once you've found an effect you like, drag it to one of your clips. This adds the effect to the clip, which you can see by looking at the star in the lower-left corner of the clip.
 3. In the Preview Monitor, click the **Play** button to watch your effect in action.
 4. You can add more than one effect to a clip. For example, if you want to both brighten a clip and add a zoom effect, you can add **Ease In** and **Brightness, Increase**. You can also add a single effect multiple times to increase the effect. For example, add multiple **Brightness, Increase** effects to brighten a scene even more, or add two **Speed Up Double** effects to quadruple the speed of a clip.

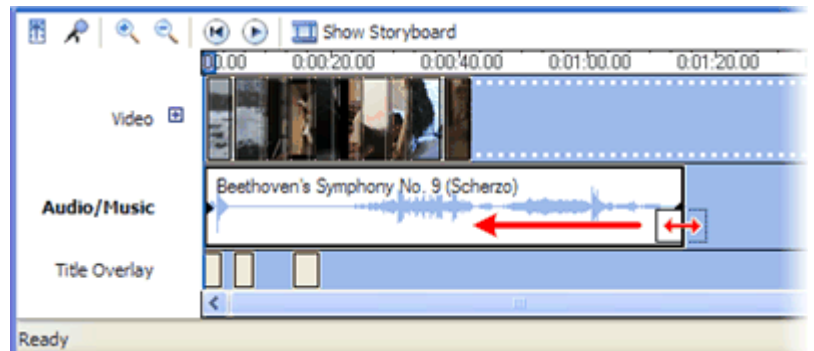
5. If you don't like the effect, right-click the **star** icon in the lower-left corner of the clip, and click **Delete Effects**.

To add a title screen before your movie

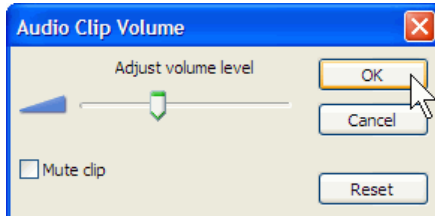
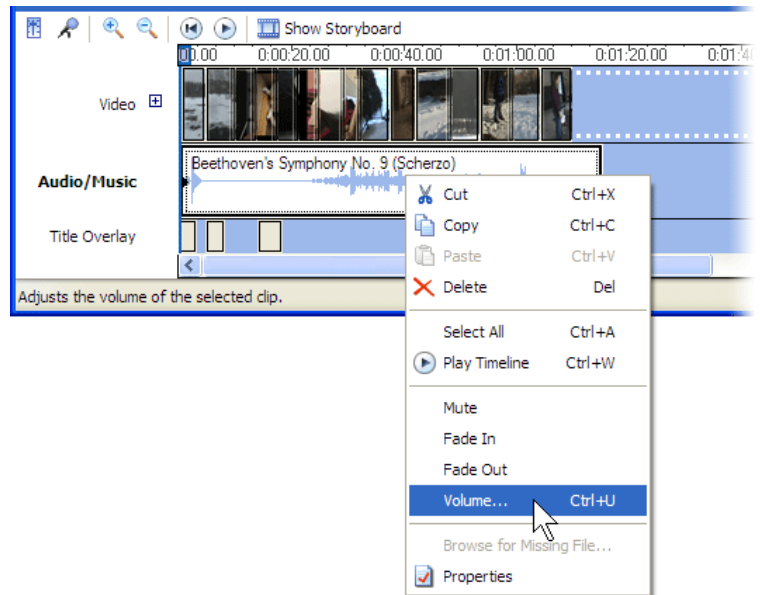
1. If you want to add a title before, after, or on top of a clip, click the clip on the storyboard or timeline
2. In the **Movie Tasks** pane, under **Edit Movie**, click **Make titles or credits**
3. Choose the type of title you want to add and where you want to add it
4. Click **Change the title animation**. Notice that you can choose between one-line titles, two-line titles, and credits, which can be many lines. You can use credits any time you need to display more than two lines of text.
5. On the **Choose the Title Animation** page, browse through the different animations and watch them in the **Preview Monitor** to get an idea of what they'll look like. When you find the animation you want to use, click **Change the text font and color**.
6. On the **Select Title Font and Color** page, choose the color and font you want to use. If you're adding the title over a clip, use a dark font color for bright scenes and a light font color for dark scenes. Then click **Edit the title text**.
7. On the **Enter Text for Title** page, enter your text. Then click **Done add title to movie**.
8. If prompted to switch to the timeline view, click **OK**
9. In the **Preview Monitor**, click the **Play** button to see how your title will look in your video
10. If you want to change your title, right-click the title on the **Title Overlay** row of the timeline, and then click **Edit Title** on the shortcut menu.

Adding Music to your Video

1. In the Movie Tasks pane under **Capture Video**, click **Import audio or music**
2. In the **Import File** dialog box, click the name of the song you want to use in the background. Then click **Import**. This adds your song to your collection but does not add it to your video.
3. Drag the song from the collection to the video clip where you want the music to start playing
4. If prompted, click **OK**.
5. Movie Maker shows your song on the timeline. If the song extends beyond the end of the movie, drag the right edge of the song so that it ends at the same time as your movie. Otherwise, the song will keep playing after your movie is done. It's a nice touch to have the music stop during a quiet spot so that it doesn't just stop abruptly.
6. Click **Play** in the **Preview Monitor** to watch your movie and listen to the background music.

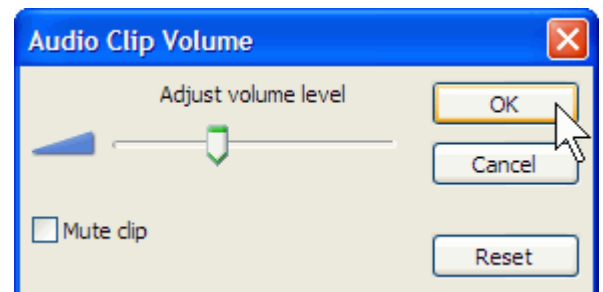
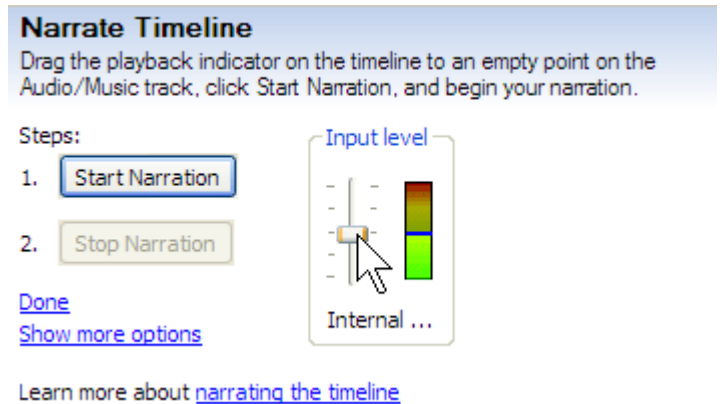


- If the background music is too loud or too soft in comparison to the movie, right-click the music on your timeline, and then click **Volume**. In the **Audio Clip Volume** dialog box, make your adjustments, Then click **OK**. Return to step 6 to listen to the audio again and make another adjustment if necessary.



To add narration to your movie

- Connect a microphone to your computer.
- In Movie Maker, click the **Tools** menu, and then click **Narrate Timeline**
- If prompted, click **OK**.
- On the timeline, click the clip you want to narrate. You can narrate clips one at a time, or you can narrate the entire movie all at once. If you narrate individual clips, you can rearrange them later and keep your narration synchronized.
- Speak normally into your microphone, and adjust the **Input level** so that the bar is about halfway up when you are speaking.
- Under **Narrate Timeline** click **Start Narration**
- When you're done narrating, click **Stop Narration**.
- Movie Maker will save your narration as a separate file. In the **Save Windows Media File** dialog box, type a name for your narration.
- Then click **Save**
- Movie Maker adds your narration to the **Audio/Music** track of the timeline. If you only narrated part of your video and you want to add narration to other clips, return to step 4.
- Click **Play** in the **Preview Monitor** to watch your movie and listen to the narration.
- If the narration is too loud or too soft, right-click the narration on your timeline, and then click **Volume**.
- In the **Audio Clip Volume** dialog box make adjustments and click **OK**. Return to step 10 to listen to the narration again, and make another adjustment if necessary.
- To delete narration, right-click the narration on the timeline, and click **Delete**. You should also delete the narration from the collection.



To produce your movie to your computer

1. Open your movie in Movie Maker
2. In the **Movie Tasks** pane, under **Finish Movie**, click **Save to my computer**
3. The Save Movie Wizard appears. On the **Save Movie File** page, type a name for your movie. You can also choose a folder to save it in by clicking the **Browse** button. Then click **Next**.
4. On the **Movie Setting** page, click **Next** to accept the default setting of **Best quality for playback on my computer**. (to save as a .avi file, Click "**show more choices**" then check the box "**other choices**". Use the dropdown box to scroll to "DV-AVI – the file size of the avi file will be considerably larger than the wmv format).
5. On the **Completing the Save Movie Wizard** page, click **Finish**. If **Play movie when I click Finish** was selected (it is selected by default), the movie will automatically play in Windows Media Player when done.

To burn your movie to CD

1. Open your project in Movie Maker.
2. Insert a blank, recordable CD into your CD burner
3. In the **Movie Tasks** pane, under **Finish Movie**, click **Save to CD**
4. The Save Movie Wizard opens. On the **Saved Movie File** page, type a name for your movie. Then click **Next**.
5. On the **Movie Setting** page, click **Next**
6. Movie Maker saves your movie, which might take several minutes, and then ejects your CD. If you don't want to make another copy, click **Finish**. If you do want to make another copy, insert a new blank, recordable CD, select the **Save this movie to another recordable CD** check box, and click **Next**. Then return to step 4.

You can also produce your movie to a DVD. Select this option from the **Movie Tasks** pane.