

Presidents and Memorials

Hands-on workshop exercise: Learning to use iMovie 3 or 4 to create a digital story

1. **The script for this example comes from the audio clips selected to match the images (and vice versa).** (source of images: Dan Barrett or saved as JPEG from a PowerPoint slide show)
1. Open iMovie and create a New Project [**File Menu -> New Project**] and call it “Exercise” and save it in the either the Movies folder or on the Desktop.
1. **Turn OFF Ken Burns effect before starting. Set the Magnification to 1.00 (in Photos tab). Set the length of the activity to 15 seconds.** (If there are no images in iPhoto to select, drag the first image onto the timeline and change the settings.) Import and organize the images first on iMovie’s **Clips tab** [becomes a rough storyboard] (or in an iPhoto Album): **File Menu -> Import** (in **images** folder inside **handson_activity** folder). Click on first image, hold down shift key, click on last image, click **Open**.
1. Import pre-recorded audio clips (in **Audio_files** folder inside the **handson_activity** folder) and place them **one at a time** on Timeline. Drag each clip up to the first Audio Track on the Timeline Viewer (see order in chart below) [**File Menu -> Import**] **Move cursor on timeline to the end of each clip before importing the next sound. SAVE Project [File Menu -> Save]**
(source: Vincent Voice Library, Michigan State University www.lib.msu.edu/vincent/presidents/index.htm)
1. Place the images in the appropriate order on the Clip Viewer on the Timeline in iMovie. Drag from Clips tab onto timeline. Adjust the length of each image to match audio track, using the Photos tab.

Audio Clip (minutes:seconds)	JPEG Images (length in seconds)
1FDR (1:03)	Capitol building (apply “Ken Burns” effect) (0:30) FDR1 (0:15) FDR2 (0:18)
2Truman (0:21)	Korean Memorial (0:21)
3Eisenhower (0:33)	marine memorial + Tomb Unknown (total 0:33)
4Kennedy (0:33)	White House + Kennedy grave (total 0:33)
5Nixon (0:17)	Vietnam Memorial (0:17)
6Reagan (0:16)	Flags at monument (0:16) + Credits (Slide 3)

1. Add a music track to Audio Track #2. **Place scrubber bar at the beginning of the timeline** and import from file or from iTunes Library in **Audio tab: fcommon.mp3 (3:16) “Fanfare for the Common Man”** recorded by the Air Force Band. **Edit** the volume of the music at various places on the timeline. (Source: USAF Heritage of America Band <http://www2.acc.af.mil/music/music.html>)

This is a “Rough Edit” with all images and sounds on the appropriate timeline, **SAVE** the Project.

1. Apply “still motion” effects (the “Ken Burns” effect) in **Photos tab**
Photos: Select image on timeline, turn on Ken Burns effect
Select Start and Finish magnifications and length of clip
Preview and Apply when satisfied (rendering may take a long time). SAVE frequently!
1. Add title over first image (Capitol) [**Titles tab**]: “Presidents and Memorials” by “your name”
Insert credits at the end of the story (after last image... “Over Black”) or insert credits (Slide 3)
Insert any effects [**Effects tab**], where appropriate.
1. Insert transitions between images [**Trans tab**], as appropriate. *Use caution with “cross dissolve” of clips with Ken Burns effect- most of the transitions will shorten both clips to which they are applied.
1. Save the project. This is a “Polish Edit” with all titles, transitions, “Ken Burns” and other effects.

Building Your Own Digital Story with iMovie 4 – Pointers on the Process

There is a progress chart on the wall that represents the progress of each project for each step of the process below, *with suggested deadlines over the next day and a half*. As soon as you complete a task, “X” your progress on the chart.

- I. Script** – Look at examples of specific stories on the WWW. Use the Script template, answering these questions: Who is your audience? What is your dramatic question? You may want to go over your script with a facilitator before recording your voice-overs. *[Complete by beginning of Day 2.]*
- II. Record Voice Narration** – Refer to Sound Studio handout or workshop recording setup. Use a USB drive to transfer your audio clips to your computer. *[Complete by mid-morning break on Day 2.]*
- III. Images Scanned and Sized** – when searching Google images, select only the Large images – scanning from a book use 200 DPI. Import one image at a time, checking the settings in the Ken Burns effect BEFORE importing. The image will go to the shelf. To leave a copy on the shelf, hold down the **Option** key when dragging the image down the timeline. Once the project is complete, you should remove any images that still remain on the shelf (to reduce the overall size of the project folder...see ** below).
Using iPhoto: You can avoid this step by importing all of the images into iPhoto, where you can select the image, set the “Ken Burns” magnification and effect before the image is placed on the timeline.
- IV. Background Music** – Freeplaymusic.com is a good starting point. If you purchase any music from iTunes, it is protected to the computer where you downloaded it when you purchased it. You will need to burn any purchased song on a Music CD (with iTunes) and import the music directly from the CD. Music often overwhelms voiceovers. Edit volume on the low end under your narration (> 10%) but you could increase the volume when no voice is present.
- V. Rough edit** – Place your narration (II), sound track (IV) and images (III) on the timeline in approximate locations. Wait to apply very much of the “Ken Burns effect to images until the next step. Ask for feedback. *[Complete by end of lunch on Day 2.]*
- VI. “Ken Burns,” Titles, Transitions, and Effects.** Fine-tune as you have time (follow the order). Many transitions take time out of adjacent clips, so plan image durations to keep alignment with audio. *Fade Out/Fade In (to/from black screen) or Wash In/Wash Out (from/to white screen) will NOT shorten your clips*
- VII. Polish Edit** (Ask for final feedback) *[Complete by mid-afternoon break on Day 2.]*
- VIII. Publish:** save **two** versions of your file (File Menu -> Share):
QuickTime -> CD-ROM (and name it your “projectname”.mov) (which can be played from the CD)
QuickTime -> Expert Settings (and name it your “projectnamebig”.mov) (which creates a full size video that looks better in a presentation, but only plays well from a hard drive)
- IX. Showtime!** We will watch the “big” version of your movie. *[At approximately 3:30 PM on Day 2]*
- X. Back up to CD.** To burn a CD, insert a blank CD into the CD drive. If asked, select “Open in Finder”. A new CD icon will appear on the desktop. Drag the files over the new CD image. When ready, drag the CD into the trash and it will begin to burn.
Burn the following onto a CD: both of these movies and a folder with all of your project source files (voice overs and original images).
Burn a second CD with just the iMovie project folder (if it is under 650 MB).
**If the folder is over 650MB, delete unnecessary files from the “shelf” and empty trash (File Menu -> Empty Trash). Select the project folder in the Finder, and select File Menu-> Get Info to determine its size.

To create a QuickTime movie with iPhoto alone

- **Input folder of images in Short_Movie folder into iPhoto**
- Set up a new Album in iPhoto and import the following seven images and organize them in this order: (1) white house (2) Jefferson (3) Lincoln memorial (4) capitol (5) Kennedy grave (6) Vietnam memorial (7) flags at monument
- In iTunes, import the following short audio clip: RRmemory.aif (23 seconds)
- In iPhoto, select Slide Show and select the audio clip above as the “default”
- Select Export and QuickTime video. Make each image 2.3 seconds long. Make sure you have NO images selected or ALL images selected and in the order you want them in the video... iPhoto will make a QuickTime movie using the images you have selected, in the order they are in the Album, and will also insert the audio clip that you selected in the previous step.
- If the audio clip doesn't match the length of the video, you can change the length of each image by percentages, until you get the length you want.

Editing QuickTime movie with QuickTime Player Pro

Another strategy you can use is to export the iPhoto images WITHOUT audio, and then use QuickTime Player Pro to Add the audio track. To edit this movie, open the movie in QuickTime Player Pro by double-clicking on the file. (QuickTime Player Pro is a \$30 upgrade from the “free” player.)

To insert another audio track (edited with an audio editing program such as Sound Studio):

1. With the sound editing software, save the edited sound file in AIFF format. Make sure the length of the sound file is less than or equal to the length of the movie.
2. In QuickTime Player Pro, select File Menu -> Import. Select the AIFF sound file edited in step 1 above. The file will be converted into a “sound only” QuickTime movie.
3. Select **Edit Menu** -> **Select All** to select the entire audio track of the “sound only” QuickTime movie.
4. Select **Edit Menu** -> **Copy** to copy the entire audio track to the Clipboard.
5. Close the audio-only file (you may want to save it for later use).
6. Open the QuickTime movie created by iPhoto.
7. Place the Insertion Point at the place where you want the new sound to begin playing.
8. Hold down the **Option Key** and select **File Menu** -> **Add** (where the Paste command normally appears). The new sound track will be inserted into the movie in the place where the insertion point is placed.

