Digital Video Class: — Part 3
Student Computing Labs – Mac OS Support

Friday November 21, 2003 – 9:00 AM to 10:00 AM – Room: MMC 1745 – Instructor: Paladino

This class will provide participants with Importing, Editing, and Distribution Tips to use with the revolutionary iMovie 3 digital video editor. This hands-on-computer class is intended to help those who are new to iMovie, and digital video editing. The goal of this class is to assist you to use iMovie to make your own movies.

Importing video from a digital video (DV) camcorder
We highly recommend importing the entire DV camcorder video without interruption. You'll need 13 gig of free hard disk space (for each hour of DV camera footage). The reason for doing this is to save you time because it's much faster to import the tape all at once and it's much faster and easier to trim unwanted footage in iMovie's user interface The alternative is to fast-forward the camera through unwanted footage and import only what you want. Going forward and rewinding the videotape will waste your time.

You can also import files and use drag and drop for many file formats including your iPhoto Pictures and your iTunes audio files. You can import files that end with: .dv, .mov, .mpg (MPEG-1), .mpeg (MPEG-1), .mp4 (MPEG-4) and with additional software, you can import .avi and other file formats.
Editing
First trim your video clips and record this edited video back to tape. Then arrange your clips and graphics. Next add transitions, titles, effects, and audio. Don't use **Effects** unless they make sense, such as a memory or dream might be "Sepia" or "Soft Focus". Lastly, use iMovie's built in audio editing/duping to add voice over, or get rid of unwanted sounds, add an echo, create reverb, add exaggerated sounds (footsteps, fist fight) and remember to reuse audio your audio.

Exporting Tips
Movies are rarely saved without compressing it. You can easily compress a movie file by making it a size smaller, so that there are fewer pixels in a frame or by changing the number of frames per second. Another other way to compress a movie is to use a compression / decompression algorithm, also known as "codec". A codec compresses the movie when it is saved and decompresses it when it is viewed.

We will also cover the following areas: limiting data rate, web distribution, special embedded html coding and http servers for putting your videos on any webpage and any web server.

Computers will be used to explore the features of iMovie.

Previous classes in this series:

Digital Video Part 1, Friday November 7, 2003, 9 AM to 10 AM, MMC 1725
This class taught participants what digital video is, what to look for in a camcorder, and how to use them effectively.

Digital Video Part 2, Friday November 14, 2003, 9 AM to 10 AM, MMC 1745
This class taught participants how to use the revolutionary iMovie 3 digital video editor.

iMovie Keyboard Shortcuts

Hard to Find - Keyboard Shortcuts	Keyboard
When Opening a new project, Don't save the old one	⌘+ D
Fast-forward and rewind during playback	⌘+ ←·· or ··→
Make sure no clip is selected or Deselect Clip	⌘+ D
Leave a copy of the imported clip on the Pane when adding to timeline	⌥+ Drag-n-Drop
Moving Ghost Handles - One frame at a time	←·· or ··→
Moving Ghost Handles - Ten (10) frames at a time	⇧ + ←·· or ··→
Shortcuts	**Keyboard**
Hide iMovie	⌘+ H
Quit iMovie	⌘+ Q
New Project	⌘+ N
Open Project	⌘+ O
Save Project	⌘+ S
Export Movie	⌘+ E
Save Frame	⌘+ F
Import File	⌘+ I
Get Clip Info	⌘+ ⇧+ I
Undo	⌘+ Z
Redo	⌘ + ⇧+ Z
Cut	⌘+ X
Copy	⌘+ C
Paste	⌘+ V
Crop	⌘+ K
Split Video at Playhead	⌘+ T
Create Still Clip	⌘+ ⇧+ S
Select All	⌘+ A
Select None	⌘+ D
Extract Audio	⌘+ J
Paste Over	⌘+ ⇧+ V
Lock Audio	⌘+ L
Reverse Clip Direction	⌘+ R
Command Help	⌘+?
Also:	
Raise and lower Dock - Note auto hide must be OFF	⌘+ ⌥+ D

Command and Modifier Keys

command key = ⌘ or	shift key = ⇧	**Arrow Keys**	
option key = ⌥	tab key = ⇒	left & right	←·· & ··→
control key = ^ or ctrl	escape key = ↺ or esc	up & down	↕ & ↓
		delete key	⌫

More information at: http://www.macos.utah.edu and click on the Digital Video Classes link