

## VIDEO COMPOSITIONS AND PRESENTATIONS

### Video Sources

#### Downloading Video from the Web:

Most videos CAN NOT BE DOWNLOADED from web sources like YouTube or Google Video by simply selecting "Save target as". YouTube "videos" can be "captured" using screen capture software like the freeware program called "Debut". The link to download Debut is at: <http://www.nchsoftware.com/capture/index.html>.

Another free software application that "downloads" the video file without the need to play it is available from

<http://www.dvdvideosoftware.com/products/dvd/Free-YouTube-Download.htm> Note: This software saves the downloaded video clip as an AVI but it must be opened and resaved using Windows Movie Maker as a wmv (windows media video) clip to insert it into PPT.

#### Digital "Still" Camera and Hard-Drive Camcorder Video:

Videos recorded on most Digital Still cameras or mini-DVD/hard-disk recorder Camcorders that record in MPEG-2 formats CAN NOT BE USED or EDITED on PCs or MACs without conversion to WMV or Quicktime formats using specialized conversion software like that included in Roxio Easy Media Creator 9.

#### DVD format video (mpeg-2) can't be inserted into a Powerpoint presentation.

DVD video must be captured and converted to compressed AVI or WMV format for use on a PC or to a Quicktime movie for use on a MAC. PCs need "compressed" AVI or WMV format video for Powerpoint. MACs use Quicktime movies.

#### It's important for faculty to be very specific concerning the video format and on what type of media they expect students to turn their work in on.

The choice is dependent both upon the type of project and how it will be presented in class or viewed by the instructor. Often, a Windows Media Video clip is the easiest and can simply be turned in on a CD-R or inserted into a web page and can be used in almost all presentation applications, but many times students ask for a DVD and the resulting format isn't viewable in most presentation software applications. If there's any question, you should contact the SMS.

	Description	Advantages	Main Disadvantages	Technical Problems	Fix
<b>PhotoStory 3</b>	Create a "video" story from still pictures. Can add narration, music, video effects, motion, transitions, and text.	Freeware from microsoft.com Easy to use Runs on both XP and Vista Copyright free music generator  Finished "video" is WMV format	Not avail. for MAC (MAC alternative i-Movie)  Only works with Still Pictures... No Video clips can be used. Only finished PS3 project is a "video".	When using the Add Text feature in PS3, text can only be placed over a picture.	"Text Slides" can be created in PPT with color background. Save the PPT slides as a JPG "picture" files, then insert picture files with just text into PhotoStory project.
	Description	Advantages	Main Disadvantages	Technical Problems	Fix
<b>Powerpoint</b>	Can be used to create simple to extremely complex presentations that mimic many effects available in NLE software like WMM or i-Movie.	Many Students already know the "basics" of PPT.	MAC - PC versions not 100% compatible. Mostly problems between PC/MAC Custom Animations and Slide Timings but also use of video clips in PPT.	If an "Animation Scheme" is applied to the presentation, then narration is recorded onto the slides, all timings for narration will be out of sync or the narration will be completely cut off.	Remove "Animation Scheme" from presentation. Only use "Custom Animations"
	Can record narration directly into presentation.		Most students haven't done this. May need to be shown how and have access to computer with microphone.	Default audio recording quality setting results in poor audio.	Change audio quality setting to 11.x kHz, 16 bit.
				PPT project file sizes with audio and especially video can get really large. If over 2MB, PPT can't be emailed as attachment to instructor (many instructors are asking students to do this).	Have student burn PPT to CD-R using Package for CD feature.
	Can insert music or other audio, like narration or sound effects, from files.		The audio automatically stops playing on any "click" or when slide ends. Must know how to use "Custom Animation" settings to change the number of slides that the audio (usually music) will continue to play over.	.wav format over 100 Kb or ANY .mp3 format audio files won't embed into the PPT presentation. They will be "linked" rather than embedded and the files must be placed into the same relative path to the PPT presentation on any distributable media or on a web server as they were when inserted into PPT	Place all "linked" media or documents into the same folder as the PPT presentation before inserting them into the presentation. Use "Package for CD" to solve any "linked" files problems  If uploading to web server, the entire PPT folder must be uploaded with all "linked" media and document files.
	Can insert video clips directly onto slides		Must have access to computer, video equipment, firewire cables and 3rd party software to capture video.	Video limited to Windows Media Video (WMV) or "compressed" AVI on PC.  Video limited to Quicktime (MOV) on MAC.  MPEG movie formats, popular on most digital still cameras that can record "movies", won't work in PPT.	Convert video format to required format using 3rd party software like Roxio Easy Media Creator.  Capture and Editing software is free, Windows Movie Maker (for PC) or i-Movie (for MAC). Also free downloadable capture software, Windows Media Encoder (for PC).

			Most students don't know how to add music then "customize it" to play over multiple slides	MAC and PC PPT not 100% compatible	
			On PC, no export to video option. Can use Camtasia Studio to convert to video (any format)	Linked files won't work after burning to CD or moved to Jump Drive unless kept in the same relative path to the PPT presentation as when created. As long as PPT presentation AND all linked files; media, spreadsheets, word docs, PDFs, etc, are put into the same folder when starting a PPT project, everything will link properly. Problem... students don't do this even when its the 1st step in the directions.	On a PC, use the "Package for CD" tool to assure that all linked documents and media work.
		MAC version of Powerpoint has Video export feature (Quicktime Only)	PC version of PPT can't be exported as a video without 3rd party software like Camtasia Studio.		Use either Camtasia Studio or Debut screen capturing software to capture ppt presentation and save it as a video.
<b>Windows Movie Maker</b>	Create a video (WMV format) from captured video clips, still pictures, audio files. Add text, effects and transitions.	Relatively easy to use Free with Windows XP or Vista	Because of numerous problems encountered when moving project from one computer to another, it's best when project can be completed entirely on one computer.	XP and Vista versions of WMM not compatible. WMM projects created on Vista OS can't be opened in XP OS systems.  Also, the "Collections" data is saved on the C: drive in a "hidden" folder, is hard to find to copy and even when copied and placed onto a different computer, won't work!	<b>Stick to one computer for all editing!!</b>
			Not available for MAC. Use i-Movie instead	Lose file "link" path when moving WMM projects and video clips between workstations on a Jump Drive. Media with broken link paths appear as Red X'd objects.	Again, this problem can be avoided by <b>using only one computer to start and finish a WMM project.</b> Can sometimes re-link "X'd" out clips to project using "Browse for Missing File" Stick to one computer for all editing.  Should keep all media files and the project in same folder.
				Sometimes, for no apparent reason, media files in a project become corrupted and can't be opened or re-linked.	No fix except starting over using original media files.
				Extremely slow response to user actions.	No fix, just patience.
			Can't "insert" a picture over a video clip because only one video "track". Can't cut the video out without deleting the accompanying audio.	Only "overlay" allowed is Text.	Must copy a portion of a video clip that has been "split" in the timeline view then paste it onto music/audio track. This pastes the audio from the video onto the "narration/music" track. Then, delete the video from the video track and replace it with either pictures or video clips.
				Only one audio track in addition to the Video's audio track. Therefore can't have both a narration track AND a music track.	Can use Audacity to record and mix narration with music, export as mp3 then insert into WMM as single audio track.