

Course Outline

Digital Video with Premiere pro 1.5 CAOT 665

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Introduction

- 1) How the class works
- 2) Grading & Final project
- 3) File transfer to and from long term storage
- 4) Lab hours
- 5) Recommended personal storage
- 6) Recommended camera features
- 7) Sale of course CD

Lesson 1 (Project setup) -- Group exercise --

- 1) How to open Premiere
- 2) Creating a new project
- 3) Interface introduction
- 4) Setting Project preferences
- 5) Setting & saving a custom work space arrangement
- 6) Setting up the project folder or bin structure
 - a) Sequences – Main and sequential sequences
 - b) Movie, Audio, Narration, Titles & Stills bins

Lesson 2 (Digital Movie capture) -- Demo --

- 1) Connecting a digital camera to the computer & camera settings. (both school Sony's)
- 2) Using the capture window
 - a) Set capture preferences
 - b) Set camera control device
 - c) Locating what to capture & logging it into the batch capture feature
 - i) Different methods of locating or moving to the desired footage
 - d) Performing the batch capture

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Lesson 3 (Analogue Movie capture) -- Demo --

- 1) Methods of capture
 - a) Hardware capture card that goes into your computer. Your VCR or Analogue camera connects directly to it. (NA at our school)
 - b) Hardware capture device that is an external device such as a digitizer or a Dazzle product. These products might not capture directly into Premiere and they may not capture to the full digital resolution of 720 x 480. (Not part of this class)
 - c) Purchase a digital camera that has a digital pass through feature. You connect your Analogue device to the digital camera and then your digital camera to the computer. When you play your analogue device and press record on your computer the digital camera will digitize your analogue footage before it is sent onto your computer. (Demo this)
 - d) Purchase a camera that will accept analogue in. Connect your analogue device to your digital camera. Press play on your analogue device and record on your digital camera. This will record your analogue footage onto a digital tape in your digital camera. When your done you can transfer the digital footage on this tape to your computer the normal way. (Demo this)

Lesson 4 (Importing files) -- Group exercise --

- 1) Import files within the project window
- 2) Getting them into the proper folders or bins
- 3) Previewing the imported files
- 4) Exploring the project window
 - a) Moving data fields around
 - b) Adding the Effects tab
- 5) Getting information about the imported files
- 6) Import & organize the rest of our project files

Lesson 5 (General information) -- PowerPoint Lesson --

- 1) Pixel resolution & Aspect ratio
 - a) Square and non-square pixels
- 2) Still images from a camera
 - a) Making sure Premiere doesn't distort or crop them
- 3) Basic terms
- 4) Audio frequency in KHz
- 5) Effects and transitions

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- 6) Time line
 - a) Video & audio tracks
 - i) Order of priority
 - ii) Expanding & contracting
 - iii) Viewing video track modes
- 7) Default frame rate
 - a) 29.97 fps or rounded to 30 fps
- 8) Time code format
 - a) Hours:minutes:seconds:frames.
 - i) eg. 00:02:45:15 Two Minutes, forty five and ½ seconds.
- 9) Stripping your tapes
- 10) Title safe areas
- 11) Edits to clips do not change the originals

Lesson 6 (Adding video clips to the timeline) -- Group exercise –

- 1) Adding a complete clip to the video timeline (10- 15 second clip)
- 2) Methods of preview
- 3) Methods of expanding and contracting the timeline
- 4) Add a second clip to video 1 timeline (10 - 15 second clip)
 - a) Preview a hard cut
- 5) Add a third clip to the timeline (10 – 15 second clip)
 - a) Expand the timeline near this cut
 - b) Add a transition and preview it

Lesson 7 (Adding Stills & Edit Transitions) -- Group exercise –

- 1) Add still pictures
- 2) Preview your pictures
- 3) Place transitions between each picture and preview
- 4) Edit your transitions in the effects control tab

Lesson 8 (Adding Text Titles) -- Group exercise –

- 1) Add a title to a still picture
 - a) Opening a new title and selecting the horizontal text tool.

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- b) Entering title text.
 - c) Positioning the title text within the title safe area.
 - d) Select a style from the style option window.
 - e) Changing the font.
 - f) Changing the font size.
 - g) Saving your title.
 - h) Placing your title onto the timeline.
- 2) Previewing and saving.

Lesson 9 (Modifying titles) -- Group exercise –

- 1) Changing title text attributes.
- 2) Save your changes to make a custom style.
- 3) Setting a style as the default.

Lesson 10 (Title shapes) -- Group exercise –

- 1) Placing a box behind the text to increase the readability.
- 2) Adjusting the properties of the box
- 3) Alignment of the box and text vertical and horizontal
- 4) Selecting multiple objects.
- 5) Placing an arrow or other objects in a title.
- 6) Add an entrance and exit transition to the arrow title.

Lesson 11 (Titles with special characters) -- Group exercise –

- 1) Use the keyboard and font cheat sheet to add wingdings or symbols to your title text.
- 2) Add a Unicode symbol such as a copyright © symbol.
 - a) Create this symbol in a word processor (c) and copy and paste it into your title.

Lesson 12 (adding motion to your title) -- Group exercise –



- 1) Adding custom motion to your titles.
- 2) Scrub testing.

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Lesson 13 (Editing Video on the Timeline) -- Group exercise –

- 1) Scrubbing in the timeline and in the monitor window.
- 2) Navigating to a specific spot in the video.
- 3) Locate the video clips to be removed.
- 4) Using the razor or cut tool to create a cut.
- 5) Using the “Ripple Edit” tool to remove video footage from the timeline.
- 6) Trimming the beginning and end points with the selection tool.
- 7) Moving trimmed clips.
- 8) Add transitions at the edits. Scrub to preview

Lesson 14 (Edit Video in the Source View Window) -- Group exercise –

- 1) Placing video into the source view window.
- 2) Locate where you would like the video to start.
- 3) Setting an in point.
- 4) Locate where you would like the video to end.
- 5) Setting an out point.
- 6) Play from In to Out.
- 7) Placing the source view edited video onto the timeline.
- 8) Using the “Insert” button  (Drag & drop + Ctrl or keyboard comma (,))
- 9) Using the “Overlay” button.  (Drag & drop or keyboard period (.))
- 10) Closing the video within the source view window.

Lesson 15 (Splice or Cut Editing Tools) -- Group exercise –

- 1) Rolling Edit, Ripple Delete Edit, Slip Edit, Slide Edit & Trim Window .
 - a) Rolling Edit trims the out of one clip while trimming the in off the other clip while keeping the duration of the entire sequence the same.
 - b) Ripple Delete trims only one clip point at a time and the duration of the entire sequence will change.
 - c) Slip tool will add or subtract equally from the in and out of the effected clip. The overall sequence duration will not change.
 - d) Slide tool is designed to be used on the middle of 3 clips. The middle clip will not change in length however the in and out points of the adjacent clips will be added or removed to keep the duration of the entire sequence unchanged.

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- 2) Using the trim windows to for fine controls over the rolling edit and ripple delete tools.

Audio

Lesson 16 (Importing & Trimming)

- 1) Import
- 2) Trim to sequence length and place on audio a track.
- 3) Muting the audio track
- 4) Adding, renaming and deleting audio tracks

Lesson 17 (Grouping)

(Grouping & Ungrouping Video, Linking & Unlinking Audio) -- Group exercise –

- 1) Grouping & ungrouping clips & stills.
- 2) Linking & unlinking audio
- 3) Using the history window to undue.

Lesson 18 (Audio Mixer) -- Group exercise –

- 1) Overview of mixer window.
- 2) Using Audio Mixer help.
- 3) Show and hide tracks.
- 4) Left and right audio panning.
- 5) Track volume.
- 6) Timeline volume line.
- 7) Expand the audio track for more details

Lesson 19 (Audio Key Frames) -- Group exercise –

- 1) Insert key frames on track volume.
- 2) Adjusting the track volume at particular a locations.
- 3) Add a fade in and fade out
- 4) Moving Key frames
- 5) Deleting key frames

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Lesson 20 (Clip volume verses track volume differences) -- Group exercise –

- 1) Track volume all up and all down on the timeline.
- 2) Clip volume using the effects control window.

Lesson 21 (Narration) -- Group exercise –

- 1) Add narration to a sequence.
- 2) Muting the speakers during recording.
- 3) Rename a narration file.

Lesson 22 (Dynamic Volume Adjustment)

- 1) Add music to a sequence.
- 2) Adjust music track volume as the timeline plays.
- 3) View timeline music track key frames.

Track settings

- a) Read will adjust the entire track volume
- b) Touch will adjust the volume as long as the volume control is held in the desired position. Key frames do not start until the volume slider is moved
- c) The “AutoMatch Time” setting determines the amount of time for the volume to return to the starting value. “Edit | Preferences | Audio
- d) Write will adjust the volume and it will stay where it is put.
- e) Latch is similar to write except the key frames don’t start until the volume slider is moved.

Lesson 23 (Rendering out Audio for external editing) -- Group exercise –

1. Render out a linked audio file, edit it and watch Premiere update.

Lesson 24 (Capturing still images from a movie clip) -- Group exercise –

- 1) Export a frame as a still image
- 2) Change the still duration
 - a) Context menu
 - b) Rate tool
 - c) Still default duration
 - d) All clip duration default

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Lesson 25 (Clip Duration) -- Group exercise –

- 1) Changing the default length of all still images
- 2) Changing the length of a still image so it is the same each time it is used.
- 3) Changing the length of a still image on the timeline.
 - a) Using the rate stretch tool.
- 4) Changing the length of a clip to speed it up or slow it down.
 - a) Effects of “Maintain Audio Pitch”
- 5) Playing a clip in reverse.

Lesson 26 (Blue & Green Key screening) -- Group exercise –

- 1) Applying a blue screen filter.
- 2) Applying a green screen filter.
- 3) Picture in Picture (PIP) using the Transform / Crop filter.
- 4) Blue Screen Title using PhotoShop.

Lesson 27 (Video Effects) -- Group exercise –

- 1) Transform / Camera View
- 2) Distort / Mirror
- 3) Adjust / Brightness & Contrast

Lesson 28 (Compiling nestled sequences) -- Group exercise –

- 1) Put together all the sequences into one sequence with transitions and titles.

Lesson 29 (Video output) -- Group exercise –

- 1) Output to tape
 - a) Output from Camcorder tape to VHS
- 2) Output to VCD
- 3) Output to DVD
- 4) Output to Computer playback format
- 5) Output to media encoder preset format
 - a) Windows Media Player
 - b) Real Media
 - c) QuickTime
- 6) Customized media encoder settings.