

LEVA

INTERNATIONAL, INC.

PRESENTS

Adobe Premiere Pro for Forensic Media

A BEGINNER TO ADVANCED LEVEL 5-DAY TRAINING COURSE

DESCRIPTION

This beginner to advanced level course is designed to get you up and running on one of the world's most popular and robust non-linear editing (NLE) systems.

You will learn how you can use Premiere Pro not only as a tool in your forensic media processing, but also for creative ways to use Premiere Pro for case derivatives and demonstrative samples within ongoing investigations or courtroom proceedings.

Through participatory practice and case-based learning, you will solidify and retain in-depth knowledge of the software's core features, allowing you to feel comfortable and confident in adding Adobe Premiere Pro into your daily workflow.

OBJECTIVE

This course is for those who need an affordable software that will allow them to do much of the basic analyzing and processing techniques.

You do not need to have any non-linear editing knowledge or any familiarity with using Premiere Pro. However, prior experience working with digital media evidence would be beneficial.

The objective of the course is for you to have a good understanding of the end to end Adobe Premiere workflow and the skills you need to edit on your own and incorporate what you learn into your forensic media projects.

REQUIREMENTS

This is a hands-on course. You will need a computer capable of running Premiere Pro appropriately. Below are the suggested technical requirements:

(Applies to both Windows and Mac computers)

You must purchase or obtain a trial of Creative Cloud. As the course approaches, a trial link can be provided to you.

The latest operating system to work with the latest version of Premiere Pro.

Minimum of 8 GB of RAM but 16 GB or higher is preferable.

Minimum of 2 GB of VRAM but 4GB is recommended.

A robust and reliable Internet connection.

For online versions of the course, two monitors are recommended.

TOPICS

DAY 1

Meeting Adobe Premiere Pro

- About NLE software
- About Premiere Pro
- The standard workflow
- Exploring the interface
- Customization

Creating a Project

- Exploring the project settings
- File organization
- Setting up a sequence

Importing Media

- Importing media files
- Importing still images
- Conforming proprietary formats for Premiere Pro
- Deinterlacing
- Changing the frame rate

Using the Project Panel

- Working with bins
- Interrogating the media
- Reviewing options
- Modifying clips

The Essentials of Editing

- Using the source monitor
- Navigating the timeline
- Common editing commands
- Rendering
- Saving

DAY 1 (Cont.)

Working with Clips

- Using markers
- Selecting Clips
- Moving Clips
- Selecting single frames
- Creating a subclip (range of frames)

Adding Transitions

- Clip handles
- Video transition effects
- Adding audio transition effects

DAY 2

Clarifying Video

- Changing clip position, size and rotation
- Cropping
- Unsharp Mask
- Warp Stabilizer
- Brightness and Contrast

Advanced Editing Techniques

- Four-point edit
- Clip playback speed
- Replacing clips and media
- Nesting sequences
- Trimming
- Time remapping
- Keyframes and keyframe interpolation
- Making freeze frames
- Syncing audio to video
- Syncing videos
- Split/multi screens

DAY 2 (Cont.)

Improving Audio

- Examining audio characteristics
- Adjusting audio volume
- Basic noise reduction
- Adjusting audio levels on clips
- Essential Sound panel
- Audio redaction

Visual Effects

- Masking and tracking visual effects
- Video redaction with auto tracking
- Video redaction with manual tracking
- Frequently used effects
- Keyframing effects
- Denoise techniques

DAY 3

Color Correction and Grading

- Color adjustment workflow
- Histogram for levels adjustment
- Fixing exposure problems
- Using comparison view
- White balance

Composition Techniques

- What is an alpha channel
- Opacity effect
- Using an Adjustment Layer
- Verifying with layers mode

DAY 3 (Cont.)

Creating New Graphics

- Exploring the Essential Graphics panel
- Video typography essentials
- Creating titles
- Working with shapes
- Using annotations
- Adding captions
- Utilizing other Creative Cloud software

Exporting Frames, Clips and Sequences

- Quick exports
- Understanding media export options
- Exporting single frames (stills)
- Exporting the whole sequence
- Exporting a range of clips
- Working with Adobe Media Encoder

Managing Your Projects

- Documenting the actions taken
- Final steps for archiving
- Using the Project Manager
- Importing projects
- Relinking the project
- Managing your storage

Optimizing Performance

- Software settings for optimal performance
- Recommended drives
- Exploring Creative Cloud app

GRADED EXERCISES

DAY 4

Case 1 - Project Workflow - Processing (10% of grade)

You will create a project for processing. Using real case footage, you will interrogate the evidence to identify and repair any potential issues.

Case 2 - Project Workflow - Redacting (10% of grade)

You will create a project for redacting. Using real case footage, you will redact both audio and video within the provided files.

Case 3 - Project Workflow - Clarifying an Event (10% of grade)

You will create a project for clarifying. Using real case footage, you will decide on and perform several common modifications to help provide clarity to the known event.

Case 4 - Project Workflow - Split Screen Presentation (10% of grade)

You will create a project for a 2-camera presentation. Using real case footage, you will sync video and audio and build a split-screen sequence that uses both annotations and titling.

Case 5 - Project Workflow - Editing (10% of grade)

You will create a project for editing a sequential video. Using real case footage, you will use learned editing techniques to tell a cohesive story using evidence from various camera systems with varying timecodes.

DAY 5

Case 6 - Project Workflow - Demonstrative (50% of grade)

You will create a project for a demonstrative presentation from start to finish that will include nearly all learned techniques including planning a workflow, preparing the evidence, building a video layer base, creating graphic elements and using effects, annotations, captions and titling.

INSTRUCTOR

Angela Ellis has been a video editor for 22 years. Prior to her role at the Pinellas County Sheriff's Office as a Media Forensic Specialist she was in Boston, MA working first as a VFX editor on feature films, then as a senior broadcast commercial editor for national brands working with some of the most respected ad agencies in the northeast region. Before that, she had started her career as a documentary film editor and began providing documentary-style video content for marketing studios, after which becoming a more technical editor within the science, medical, engineering and government industries.

Merging her experience with both narrative and technical editing, she currently provides complex geospatial visual investigations for PCSO's Investigative Operations Bureau using Adobe Premiere Pro.

For further information, contact Mr. Jan Garvin, LEVA Executive Director, training@leva.org.