Video Editing & AI Post-Production - Syllabus

A focused 8-module industry-ready path covering video foundations, narrative editing in Premiere Pro and DaVinci Resolve, motion graphics and green screen in After Effects, audio mixing, color grading, AI-assisted post-production workflows, and a final showreel & capstone project.

Part A - Editing Foundations, Storytelling & Retention Editing

Course objective

Build a clean post-production pipeline from media ingest and timeline storytelling to Premiere Pro workflows, short-form retention editing, and multi-camera or documentary cuts.

Module 1: Video Fundamentals, Project Architecture & Premiere Pro Mastery

Codecs, containers, resolution (1080p, 4K, 6K/8K), frame rates (24, 30, 60, 120 fps), aspect ratios (16:9, 9:16, 1:1, 4:5), bin organization, proxy workflows, workspace customization, ripple/roll/slip/slide trim tools, nested sequences, speed ramps, adjustment layers, and keyboard shortcuts.

Module 2: Core Cuts, Rhythm & Narrative Pacing

Action cuts, J-cuts and L-cuts, jump cuts, match cuts, cutaways and B-roll layering, pacing for tension and emotion, and storyboard-to-timeline assembly.

Module 3: Short-Form, Reels, Shorts & Creator Retention Editing

First 3-second hook design, pattern interrupts, dynamic captions, kinetic typography, sound hits, beat-sync cutting, and multi-platform repurposing.

Module 4: Multi-Cam, Documentary & Event Editing

Syncing multiple cameras and external audio tracks, switching angles cleanly, cutting podcasts and interviews, and structuring documentaries and event highlights.

Learning outcomes

Organize media pipelines, apply storytelling cuts and pacing, edit efficiently in Premiere Pro, and craft high-retention short-form, interview, multi-cam, and event edits.

Part B - Motion Graphics, Color, Audio, AI Workflows & Showreel

Course objective

Elevate edits with After Effects motion graphics and compositing, DaVinci Resolve grading, audio mixing, responsible AI post-production tools, export standards, and a finished showreel.

Module 5: Motion Graphics, After Effects & Green Screen Compositing

Composition setup, keyframing and graph editor, shape/mask animations, MOGRTs, Dynamic Link with Premiere Pro, tracking text to moving footage, chroma keying, spill suppression, rotoscoping, and object/wire cleanup.

Module 6: DaVinci Resolve Editing, Color Correction & Grading

Cut, edit, and color pages, timeline and node workflows, RGB/YUV concepts, waveform and vectorscope reading, primary exposure and white balance matching, power windows, HSL qualifiers, skin tone protection, LUTs, and XML round-tripping.

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Module 7: Audio Mixing, Sound Design & AI Post-Production Workflows

Dialogue leveling, EQ, compression, de-essing, noise reduction, foley, risers/whooshes, music ducking, loudness targets (LUFS), transcript/text-based rough cuts, AI captions and voice enhancement, generative fill/expansion, smart reframing, and quality control.

Module 8: Export Standards, Capstone Project & Showreel Delivery

H.264, H.265, and ProRes exports, bitrate and delivery specs, client review versions and archiving, end-to-end capstone edit, and assembling a polished editor showreel for interviews and freelance pitches.

Learning outcomes

Create motion graphics and green screen composites, grade footage in DaVinci Resolve, mix clean audio, apply AI post-production tools responsibly, export master files, and deliver a complete showreel.

Program Summary

- **Structure:** 8 structured modules across 2 parts covering editing, motion, compositing, color, audio, AI workflows, and showreel.
- **Career & Portfolio Readiness:** Practical production workflow, client-ready export standards, capstone edit, and portfolio showreel.

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