

Video Software - DaVinci Resolve

Course Overview

This course introduces students to DaVinci Resolve, a popular video editing software used for color correction, audio post-production, and video editing. Students will learn the fundamentals of video editing software, including color grading and audio editing. Students will apply advanced features of DaVinci Resolve to manage video projects from initial import to final export.

Course Objectives

- Navigate the DaVinci Resolve interface for efficient video editing workflows.
- Perform advanced video editing techniques to create compelling video content.
- Utilize DaVinci Resolve's color grading tools to enhance visual storytelling.
- Edit and mix audio within DaVinci Resolve to improve overall video quality.
- Apply effects and motion graphics to videos to increase viewer engagement.
- Export final video projects in various formats for distribution on different platforms.

Unit 1: Intro to Video Software

Introduces Audacity's interface, basic digital audio concepts, and setting up for recording.

- ☐ Video: "Getting Started with DaVinci Resolve" - An introduction to the software's interface, basic setup, and project organization.
- ☐ Reading & Exercise: "Basic Video Editing" - Overview of the edit page, including timeline navigation, cutting, and trimming clips. Exercise includes editing a simple interview clip.
- ☐ Tutorial & Exercise: "Color Correction Basics" - Fundamentals of using the color page for primary color correction. Exercise involves correcting color on a sample clip.
- ☐ Reading & Exercise: "Audio Editing Basics" - Introduction to audio editing and mixing in DaVinci Resolve. Exercise includes adjusting audio levels and applying simple effects.
- ☐ Quiz 1
- ☐ Assignment: Edit a short narrative scene using basic video and audio editing techniques.

Unit 2: Advanced Editing and Color Grading

Explores advanced editing techniques, including the use of effects like normalization, equalization, and noise reduction, to improve audio quality.

- ☐ Video: "Advanced Editing Techniques in DaVinci Resolve" - Explores advanced editing tools like multicam editing, speed effects, and keyframing.
- ☐ Reading: "Color Grading Concepts" - Dive into color grading theory and techniques. Exercise includes grading a scene for mood.
- ☐ Tutorial: "Fusion for Beginners" - Introduction to using Fusion for simple motion graphics and effects. Exercise involves creating a title sequence.
- ☐ Reading: "Fairlight Audio Post-Production" - Advanced audio editing and mixing techniques. Exercise includes designing sound for a short clip.
- ☐ Quiz 2
- ☐ Assignment: Create a promotional video incorporating advanced editing, color grading, and basic effects.

Unit 3: Delivery and Final Project

Covers the skills needed to mix multiple audio tracks, incorporate background music and sound effects, and finalize projects for export and publishing.

- ☐ Video: "Exporting Your Project from DaVinci Resolve" - Best practices for rendering and exporting projects for various platforms.
- ☐ Reading: "DaVinci Resolve Delivery Page" - Understanding the delivery options and presets. Exercise includes exporting a project in different formats.
- ☐ Tutorial: "Workflow Integration" - Using DaVinci Resolve in a professional workflow, including collaboration features. Exercise involves setting up a collaborative project.
- ☐ Reading: "Creating a Showreel" - Tips for compiling a showreel of your work. Exercise includes planning and assembling a personal showreel.
- ☐ Quiz 3
- ☐ Final Project: Complete a short film or video project from start to finish, applying all skills learned in the course, including editing, color grading, audio post-production, and effects.