COURSE SYLLABUS

AI Video & Motion Graphics Bootcamp Online

Learn Premiere Pro, After Effects, generative AI, and AI-assisted app development in one program, finishing with a demo reel, a capstone video, and two deployed studio applications.

> Group classes (Live Online) and onsite training are available for this course. For more information, email partnerships@vdci.edu or visit: https://vdci.edu/certificates/ai-video-motion-graphics-bootcamp-online



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Course Outline

This package includes these courses

- Premiere Pro Bootcamp Online (18 Hours)
- Premiere Pro Advanced Course Online (18 Hours)
- After Effects Bootcamp Online (18 Hours)
- After Effects Advanced Course Online (18 Hours)
- After Effects Compositing, Tracking & Keying Course Online (18 Hours)
- Motion Graphics & Video Editing Portfolio Development Course Online (18 Hours)
- Video Editing & Motion Graphics Capstone Project Course Online (18 Hours)
- AI for Video & Motion Graphics Course Online (30 Hours)
- AI Coding Tools & App Development Course Online (60 Hours)
- AI Video Portfolio Development Course Online (60 Hours)

Premiere Pro Bootcamp Online

Edit professional video in Adobe Premiere Pro, from organizing footage and cutting a sequence to mixing audio, grading color, and exporting for any platform.

- Organize footage and build sequences in a clean project structure
- Trim clips precisely and apply transitions that support the story
- Edit multi-camera footage
- Mix dialogue, music, and sound effects
- Add titles and motion graphics
- Correct and grade color
- Export optimized files for web, social, and broadcast
- Complete a 60–90 second portfolio-ready video

Premiere Pro Advanced Course Online

Build on your Premiere Pro foundation with complex sequence editing, custom Lumetri color looks, speed effects, vertical video, and broadcast-ready audio.

- Edit narrative sequences with controlled pacing and continuity
- Cut high-energy action sequences
- Create custom color looks with Lumetri Color
- Apply speed ramps and time effects
- Design dynamic custom transitions
- Edit vertical video for social platforms
- Clean up and mix audio to broadcast standards
- Deliver projects that meet professional specifications

After Effects Bootcamp Online

Create animation and visual effects in Adobe After Effects using keyframes, masks, track mattes, text animation, and expressions, then render for any platform.

- Animate layers with keyframes and control timing
- Use masks, track mattes, and blending modes
- Animate type with text animators
- Import and animate Photoshop and Illustrator artwork
- Write introductory expressions to automate motion
- Render for web, social, and broadcast
- Move compositions between After Effects and Premiere Pro
- Produce finished motion graphics pieces

After Effects Advanced Course Online

Add depth and polish to your After Effects work with 3D layers, cameras, lights, shape animation, expressions, and audio-driven motion.

- Build 3D scenes with layers, cameras, and lights
- Create and animate custom shape layers
- Design complex animated text treatments
- Refine easing and timing in the Graph Editor
- Automate workflows with expressions
- Drive animation from audio
- Build reusable motion graphics templates
- Deliver a motion graphics package for broadcast and social media

After Effects Compositing, Tracking & Keying Course Online

Composite graphics and effects into live-action footage using motion and camera tracking, green-screen keying, rotoscoping, stabilization, and time remapping.

- Track motion with the Point Tracker and Mocha AE

- Use camera tracking to place 3D elements in a live-action scene
- Key green-screen footage with Keylight and suppress spill
- Rotoscope complex shots
- Stabilize shaky footage
- Apply time remapping
- Integrate 2D and 3D elements into live-action footage
- Produce realistic composite projects

Motion Graphics & Video Editing Portfolio Development Course Online

Assemble your best editing and motion design work into a polished demo reel, build a portfolio website, and prepare to present your work professionally.

- Select and re-edit prior projects for a demo reel
- Sequence a reel that showcases your strongest work
- Understand the history of motion graphics and editorial craft
- Deliver a reel in multiple formats
- Build a portfolio website
- Present your work to clients and employers
- Use constructive critique to improve your work
- Create a career-readiness plan

Video Editing & Motion Graphics Capstone Project Course Online

Plan, produce, and deliver one finished video that brings together editing, animation, compositing, color, and sound at a professional standard.

- Develop a concept and visual direction from a brief
- Build a moodboard and style frames
- Create a storyboard and animatic
- Edit and animate the final piece in Premiere Pro and After Effects
- Integrate compositing, sound design, and color
- Revise work based on milestone feedback
- Deliver a portfolio-grade finished video

AI for Video & Motion Graphics Course Online

Use generative AI across the video pipeline, from prompting and asset generation to Adobe's built-in AI tools, automation scripts, and responsible licensing for client work.

- Write prompts that produce repeatable video, image, and audio results
- Compare and select generative models for each task
- Generate concept frames, b-roll, voiceover, and music
- Use AI tools in Premiere Pro and After Effects, including Generative Extend and Content-Aware Fill
- Automate post-production tasks with scripts written using AI coding assistants
- Apply licensing, copyright, consent, and disclosure practices to client work
- Document an AI production workflow so results can be reproduced

- Complete an AI-enhanced capstone video

AI Coding Tools & App Development Course Online

Learn to build, test, and deploy full-stack web applications with AI coding tools, covering prompting, version control, databases, authentication, security, and hosting.

- Use AI coding tools confidently for real, multi-step development work
- Prompt and steer AI with context setting, planning, review, and recovery techniques
- Work with Git and GitHub for version control, branching, and code review
- Understand web development fundamentals: HTML, CSS, JavaScript, APIs, front end, and back end
- Build full-stack applications with databases, authentication, and external APIs
- Connect external services through MCP integrations and orchestrate sub-agents
- Debug, test, and secure an application before release
- Deploy production-ready applications to a live public URL

AI Video Portfolio Development Course Online

Build, deploy, and document two production-grade applications that support video and motion graphics work, using AI coding tools from start to finish.

- Choose and scope two applications from six real-world project options
- Build applications with AI coding tools
- Connect a database, authentication, and hosting to each application
- Deploy live, working applications
- Automate video and motion graphics workflows with custom software
- Document each project as a portfolio case study
- Present deployed work to employers and clients