COURSE SYLLABUS

AI Video & Motion Graphics Bootcamp

Study with live online instructors in Premiere Pro, After Effects, generative AI, and AI-assisted software development, and leave with a demo reel, a capstone video, and two live studio tools.

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



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Course Outline

This package includes these courses

- Premiere Pro Bootcamp (18 Hours)
- Premiere Pro Advanced Course (18 Hours)
- After Effects Bootcamp (18 Hours)
- After Effects Advanced Course (18 Hours)
- After Effects Compositing, Tracking, & Keying (18 Hours)
- Motion Graphics & Video Editing Portfolio Development (18 Hours)
- AI for Video & Motion Graphics Course (12 Hours)
- AI Coding Bootcamp with Claude Code (60 Hours)
- AI Video Portfolio Development (60 Hours)
- Video Editing & Motion Graphics Capstone Project (18 Hours)

Premiere Pro Bootcamp

Build practical video editing skills in Adobe Premiere Pro through hands-on, real-world projects. You'll learn how to shape footage on the timeline, sync and polish audio, correct color, and export professional videos for multiple platforms, making this course a strong fit for beginners or anyone refining their post-production workflow.

- Edit and assemble video and audio using streamlined post-production workflows
- Reduce background noise and balance audio levels for clearer sound
- Color correct footage and use adjustment layers for consistent visuals
- Add B-roll, photos, logos, titles, and transitions to elevate storytelling
- Control pacing with speed changes, slow motion, and freeze frames
- Cut multi-camera footage and remove green screens with chroma keying
- Resize and format videos for social platforms, including square outputs
- Bring After Effects projects into Premiere Pro and export finished videos for sharing or client delivery

Premiere Pro Advanced Course

Advance your video editing expertise with this in-depth Adobe Premiere Pro course focused on creative and technical refinement. You'll explore advanced editing techniques such as building custom transitions, enhancing footage with visual effects, shaping fast-paced action sequences, refining audio, and producing polished vertical video for modern platforms.

- Edit dynamic action sequences with precise timing and pacing
- Apply special visual effects to enhance and stylize your edits
- Refine and mix audio for clearer, more impactful sound
- Create and edit vertical video optimized for social media platforms
- Use time remapping to control speed, motion, and visual emphasis
- Build picture-in-picture layouts for layered storytelling
- Design custom transitions for seamless, professional edits

After Effects Bootcamp

Learn how to create professional motion graphics and visual effects using Adobe After Effects. This course covers animation techniques, text effects, and file integration to help you build engaging video content.

- Learn how to animate photos, text, and graphics
- Use timeless animation principles to create interesting and dynamic animations
- Understand the After Effects workflow
- Master position, scale, rotation, and opacity effects
- Utilize masks and track mattes to enhance videos with special effects
- Integrate files seamlessly by importing and animating Photoshop, Illustrator, and audio files
- Export professional videos using essential properties and expressions for high-quality output

After Effects Advanced Course

- Work with 3D layers, cameras, and lights to create dynamic scenes
- Create and animate custom shape layers using the Pen tool
- Develop advanced text animations and save presets for future use
- Optimize animations with expressions and wire parameters for complexity
- Enhance audio integration by adding markers and applying audio effects

After Effects Compositing, Tracking, & Keying

Master advanced compositing techniques in After Effects, including keying, rotoscoping, and motion tracking. This course teaches you how to seamlessly integrate 2D and 3D elements into your video projects.

- Use motion tracking with Point Tracker and Mocha AE to match movement with precision.
- Remove backgrounds with green screen keying using the Keylight effect and garbage mattes.
- Stabilize shaky footage with the Warp Stabilizer VFX tool for smooth motion.
- Apply time remapping techniques to create slow-motion, fast-motion, and frame-blended effects.
- Rotoscope video footage using manual techniques and the Roto Brush tool.
- Work with track mattes to create complex layering effects with images and video.

Motion Graphics & Video Editing Portfolio Development

Enhance your motion graphics and video editing skills while building a professional demo reel. This hands-on course covers editing principles, motion design best practices, and industry insights to help you craft compelling visual projects.

- Expand your knowledge of video editing and motion graphics concepts, techniques, and workflows.
- Learn about the history, evolution, and current trends in the motion graphics and video editing industries.
- Understand the connection between design, animation, and video editing to create cohesive projects.
- Develop a professional demo reel showcasing your best work for potential clients or employers.
- Learn how to present your work effectively and incorporate constructive feedback for improvements.
- Gain insight into industry opportunities, career paths, and best practices for marketing yourself as a motion graphics artist or video editor.

AI for Video & Motion Graphics Course

Learn how to integrate generative AI into your video and motion graphics projects. This course covers AI-powered asset creation, workflow development, and the legal implications of AI-generated content.

- Understand how generative AI tools work and how they apply to creative production
- Use AI to support each stage of a motion design/video project: research, scripting, design, animation, audio, and delivery
- Prompt effectively across different AI tools (text, image, audio, video) for usable results
- Create AI-enhanced visual assets, scripts, voiceovers, and animatics
- Generate and run basic JavaScript/ExtendScript code using ChatGPT to automate repetitive tasks in Adobe Creative Cloud apps
- Deliver a short motion graphics or video piece enhanced by AI tools from start to finish

AI Coding Bootcamp with Claude Code

- Explain how Claude Code supports real software development workflows
- Use prompting, steering, context management, and Plan Mode to direct AI output more effectively
- Apply Git and GitHub workflows, including branching, pull requests, and review practices
- Understand core web development concepts, including frontend, backend, JavaScript, APIs, and DNS
- Build a full-stack application with authentication, a database, external APIs, and responsive design
- Apply testing, security, and deployment practices to launch a production-ready project

AI Video Portfolio Development

With live instructor guidance, plan, develop, and publish two software tools for video and motion design teams with AI coding assistants, and write a case study for each.

- Pick two of six studio-focused project briefs with your instructor
- Plan the requirements for each tool
- Develop software with AI coding assistants
- Set up data storage, sign-in, and web hosting
- Publish both tools live on the web
- Streamline a video or motion design workflow with software
- Receive instructor feedback at each stage
- Write a case study that explains each project

Video Editing & Motion Graphics Capstone Project

Complete one polished video from concept to final output, applying editing, motion design, compositing, color, and audio, with instructor check-ins at each milestone.

- Define a creative concept and visual style
- Prepare a mood board and style frames
- Develop a storyboard and animatic
- Build the final video in Premiere Pro and After Effects
- Apply compositing, color correction, and audio design
- Refine your work in response to instructor feedback
- Deliver a finished piece ready for your portfolio