COURSE SYLLABUS

AI Graphic Design Bootcamp

Build the skills to design across print, web, and digital using Adobe Photoshop, Illustrator, InDesign, and Figma. You'll learn to put AI tools to work throughout your process and graduate with a portfolio of real projects ready for a career in graphic design.

> 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-for-graphic-design-bootcamp



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Course Outline

This package includes these courses

- Adobe Photoshop Bootcamp (18 Hours)
- Adobe Illustrator Bootcamp (18 Hours)
- Adobe InDesign Bootcamp (18 Hours)
- Graphic Design Portfolio Bootcamp (30 Hours)
- Figma Bootcamp (12 Hours)
- Figma Advanced Course (6 Hours)
- UI Design Bootcamp (30 Hours)
- AI for Graphic Design Course (12 Hours)
- AI Coding Bootcamp with Claude Code (60 Hours)
- AI Design Portfolio Development (60 Hours)

Adobe Photoshop Bootcamp

- Learn to retouch photos and create graphics
- Improve your images by adjusting color, brightness, and contrast
- Use selections to work with specific parts of an image
- Prepare images for digital, web, video, or print
- Make updates easier by using adjustment layers
- Remove backgrounds with layer masks
- Sharpen photos
- Create visual effects with filters, shadows, blend modes, and much more

Adobe Illustrator Bootcamp

Learn how to create and edit vector graphics using Adobe Illustrator, from basic shapes to advanced design techniques.

- Create a variety of graphics, including logos, icons, patterns, packaging, and typography
- Use the Pen tool to create vector drawings, with our tracing templates to help you master this drawing tool
- Learn to work with shapes, brushes, and painting tools
- Create colorful vector graphics using gradients and blends
- Create patterns for use in graphic and fashion design
- Make graphics for packaging
- Save files for web or print

Adobe InDesign Bootcamp

- Create layouts with text, color, and graphics
- Import and style text and graphics
- Create and apply color
- Create short or long documents such as brochures, advertisements, magazines, and books
- Prepare your files for final output: printing or PDF
- Create and edit paragraph/character styles to easily format and change text throughout a design
- Use master pages to control the layout of multi-page documents
- Work with anchored objects, tables, libraries, find/change, and more

Graphic Design Portfolio Bootcamp

Build a strong foundation in graphic design while working on real-world projects to expand your portfolio.

- Learn about the elements of design
- Develop and expand your graphic design portfolio
- Learn how to discuss your work and incorporate and evaluate critiques
- Broaden your understanding of graphic design concepts and processes, both formal and conceptual
- Upload your work to Adobe Portfolio (included with your Creative Cloud membership) to create your portfolio website

Figma Bootcamp

Learn how to design and prototype user interfaces with Figma, the industry-leading tool for UX/UI design.

- Create UI (user interface) and UX (user experience) designs for websites, apps, and more
- Design finished layouts that are optimized for mobile, tablet, and desktop screens
- Design on grids, extract image assets, share designs with clients/developers, and more
- Build interactive prototypes
- Make animations using Smart Animate
- Use components (including variants) to make updating your designs easier
- Work with Team libraries to share style and design components

Figma Advanced Course

- Explore Figma's advanced prototyping features
- Learn how to use variables and variable modes
- Use conditionals to add advanced interactivity to prototypes
- Create light and dark modes using variable collections

- Use primitive and semantic layers when building a design system

UI Design Bootcamp

Master the fundamentals of UI design and build a portfolio of professional projects in this course.

- Learn UI design concepts & best practices
- Design webpages and apps with Figma
- Get 1-on-1 help and feedback on your design work so you can learn and improve
- Develop projects for your portfolio to showcase your work as a UI Designer

AI for Graphic Design Course

Explore how artificial intelligence is transforming graphic design with hands-on projects that integrate tools like Adobe Firefly, Midjourney, and ChatGPT. Learn to streamline creative workflows, enhance visual assets, and build cohesive brand packages using cutting-edge AI platforms.

- Generate vector illustrations, photo edits, and layouts using AI tools in Illustrator, Photoshop, and InDesign.
- Create original visuals through prompt-based image generation with Midjourney, Leonardo AI, and DALL·E 3.
- Enhance and restore images with AI-powered sharpening, upscaling, and de-noising techniques.
- Use ChatGPT and Notion AI to develop creative briefs, brand names, and design directions.
- Build moodboards, style guides, and concept sets with free and paid AI design tools.
- Assemble a complete brand identity using multiple AI platforms in a simulated design workflow.

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 Design Portfolio Development

- Define and plan three portfolio-ready design app projects that align with your creative goals and career direction
- Create a custom portfolio website with project galleries, case studies, contact forms, asset uploads, hosting, and custom domains
- Build interactive design tools such as design systems with editable tokens, component previews, and exportable design variables
- Develop AI-assisted creative apps, including brand studios, social ad generators, pitch deck designers, and brand identity starter kits
- Create motion and microinteraction tools with live previews, polished user interactions, and developer-ready handoff specs
- Add production features such as databases, authentication, APIs, file uploads, responsive design, accessibility, and final deployment