COURSE SYLLABUS

AI Graphic Design Bootcamp (Self-Paced)

Develop the skills to design across print, web, and digital with Adobe Photoshop, Illustrator, InDesign, and Figma. You'll discover how to bring AI tools into every stage of your process and finish 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-self-paced



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Course Outline

This package includes these courses

- Adobe Photoshop Bootcamp (Self-Paced) (30 Hours)
- Adobe Illustrator Bootcamp (Self-Paced) (30 Hours)
- Adobe InDesign Bootcamp (Self-Paced) (30 Hours)
- Graphic Design Portfolio Bootcamp (Self-Paced) (30 Hours)
- Figma Bootcamp (Self-Paced) (12 Hours)
- Figma Advanced (Self-Paced) (6 Hours)
- UI Design Bootcamp (Self-Paced) (30 Hours)
- AI for Graphic Design Course (Self-Paced) (12 Hours)
- AI Coding Bootcamp with Claude Code (Self-Paced) (60 Hours)
- AI Design Portfolio Development (Self-Paced) (90 Hours)

Adobe Photoshop Bootcamp (Self-Paced)

- Retouch photos and design custom graphics
- Enhance images by adjusting color, brightness, and contrast
- Use selections to edit specific areas of an image
- Prepare images for digital, web, video, or print
- Simplify edits with adjustment layers
- Remove backgrounds using layer masks
- Sharpen photos for clarity and impact
- Apply visual effects with filters, shadows, blend modes, and more

Adobe Illustrator Bootcamp (Self-Paced)

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

- Design a range of graphics, including logos, icons, patterns, packaging, and typography
- Master the Pen tool for vector drawings using tracing templates
- Work with shapes, brushes, and painting tools
- Apply gradients and blends to create colorful vector graphics
- Develop patterns for graphic and fashion design
- Create graphics specifically for packaging
- Prepare and save files for web or print

Adobe InDesign Bootcamp (Self-Paced)

- Design layouts combining text, color, and graphics
- Import and style text and images
- Apply and manage color in your designs
- Create short and long documents, including brochures, advertisements, magazines, and books
- Prepare files for final output, whether for print or PDF
- Create and edit paragraph and character styles for consistent text formatting
- Use parent pages to control layouts in multi-page documents
- Work with anchored objects, tables, libraries, find/change tools, and more

Graphic Design Portfolio Bootcamp (Self-Paced)

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

- Explore the fundamental elements of design
- Build and expand your graphic design portfolio
- Learn to present your work and incorporate constructive feedback
- Deepen your understanding of both formal and conceptual design processes
- Showcase your projects by uploading them to Adobe Portfolio to create a professional portfolio website

Figma Bootcamp (Self-Paced)

Learn how to design and prototype user interfaces with Figma, the industry-leading tool for UI/UX design. This course covers essential skills, including working with components, auto layout, interactive prototypes, and team collaboration.

- Design UI/UX layouts optimized for mobile, tablet, and desktop using grids and frames.
- Work with components and variants to create reusable design elements efficiently.
- Build interactive prototypes with clickable links, overlays, and smart animations.
- Use auto layout to streamline spacing, alignment, and responsive design workflows.
- Share and collaborate on designs in real time using Figma's cloud-based features.
- Export assets for web, apps, and developers in multiple formats, including SVG and PNG.

Figma Advanced (Self-Paced)

- Work with Figma's advanced prototyping tools to create more realistic user experiences.
- Learn how to use variables and variable modes to build more flexible designs.
- Apply conditionals to add deeper interactivity to prototypes.
- Create light and dark modes using organized variable collections.
- Use primitive and semantic layers to build clearer, more scalable design systems.

UI Design Bootcamp (Self-Paced)

Master the fundamentals of UI design and build a portfolio of professional projects in this hands-on course. Learn best practices for designing websites and mobile apps, from wireframing to visual design concepts.

- Develop a strong foundation in UI design, including typography, color, and layout principles.
- Design engaging and user-friendly interfaces for websites and mobile applications.
- Work with Figma to create wireframes, prototypes, and interactive designs.
- Receive personalized feedback and expert guidance to refine your design skills.
- Build portfolio-ready projects to showcase your UI design expertise.
- Learn industry best practices and UI patterns to create visually effective digital products.

AI for Graphic Design Course (Self-Paced)

Discover how artificial intelligence is revolutionizing graphic design through hands-on projects that integrate tools like Adobe Firefly, Midjourney, and ChatGPT. Learn to streamline workflows, enhance visual assets, and create 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 denoising techniques
- Use ChatGPT and Notion AI to develop creative briefs, brand names, and design concepts
- Build mood boards, style guides, and concept sets with free and paid AI design tools
- Assemble a complete brand identity using multiple AI platforms within a simulated design workflow

AI Coding Bootcamp with Claude Code (Self-Paced)

- Use Claude Code to support planning, coding, debugging, and multi-step software tasks
- Practice prompt engineering techniques that improve direction, clarity, and recovery during development
- Build familiarity with Git, GitHub, and collaborative coding workflows
- Understand core web development concepts and modern application structure
- Create a full-stack project using Next.js, Supabase, authentication, APIs, and responsive design
- Strengthen application quality through testing, security practices, and deployment workflows

AI Design Portfolio Development (Self-Paced)

- Choose and plan three design-focused app projects that support your creative goals and portfolio 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 editable design systems, 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-ready features such as databases, authentication, APIs, file uploads, responsive design, accessibility, and live deployment