COURSE SYLLABUS

AI Design Bootcamp (Self-Paced)

Build portfolio projects in Adobe Creative Cloud and Figma, explore AI-powered creative workflows, and create live web applications at your own pace that demonstrate your design and technical skills.

> 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-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)
- UX Design Foundations (Self-Paced) (12 Hours)
- UX & UI Design Bootcamp (Self-Paced) (114 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.

UX Design Foundations (Self-Paced)

- Understand the purpose of user experience design and how it shapes digital products
- Learn how UX Designers contribute to product teams and collaborate with other roles
- Explore the main stages of the UX design process from research through iteration
- Practice common UX research methods, including interviews, observation, heuristic review, and related techniques
- Use core UX terms and deliverables such as personas, journey maps, scenarios, and design documentation
- Apply sketching and iterative design methods to develop and refine ideas
- Learn how to organize, document, and present UX work clearly

UX & UI Design Bootcamp (Self-Paced)

- Conduct user research through interviews, surveys, competitive analysis, and usability testing to better understand user needs
- Create personas, journey maps, user flows, and information architecture to organize insights and guide design decisions
- Design wireframes, responsive layouts, and polished UI screens for web and mobile interfaces
- Apply usability principles, accessibility standards, and common UI patterns to create clear, user-friendly experiences
- Build interactive prototypes and refine designs based on feedback, usability findings, and project goals
- Document your research, design process, and final solutions in a portfolio-ready UX case study

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