COURSE SYLLABUS

AI UX & UI Design Bootcamp Online

Get hands-on with practical AI workflows for UX/UI design. You'll use AI tools to synthesize research, draft personas and journey maps, map out user flows, critique interface designs, condense usability findings, and document your UX decisions.

> 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-ux-ui-bootcamp-online



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Course Outline

This package includes these courses

- Figma Course Online (12 Hours)
- Figma Advanced Course Online (6 Hours)
- UX Design Foundations Course Online (12 Hours)
- UX & UI Design Bootcamp Online (114 Hours)
- AI for UX & UI Design Course Online (18 Hours)
- AI Coding Bootcamp with Claude Code Online (60 Hours)
- AI UX Design Portfolio Development Course Online (60 Hours)

Figma Course Online

Learn to design and prototype user interfaces using Figma, a leading platform for UI and UX design. This course teaches essential skills such as working with components, using auto layout, building interactive prototypes, and collaborating effectively with team members.

- Create UI and UX layouts for mobile, tablet, and desktop using grids and frames
- Use components and variants to efficiently build and manage reusable design elements
- Develop interactive prototypes with clickable interactions, overlays, and smart animations
- Apply auto layout to manage spacing, alignment, and responsive design behavior
- Collaborate and share designs in real time using Figma's cloud-based collaboration tools
- Export assets for web, applications, and developers in formats such as SVG and PNG

Figma Advanced Course Online

Push your Figma skills further with this advanced prototyping course. You'll learn to work with variables, modes, and conditionals to bring more realistic interactivity to your prototypes.

- Explore Figma's advanced prototyping features
- Work with variables and variable modes to enhance your designs
- Use conditionals to add advanced interactivity to your prototypes
- Create light and dark modes using variable collections
- Apply primitive and semantic layers when building a design system

UX Design Foundations Course Online

- Understand what user experience design is and how it goes beyond visual design
- Learn how UX Designers work with teams to research, plan, test, and improve digital experiences
- Explore the overall UX design process, from discovery and research to concepts and presentation
- Practice UX research methods, including user interviews, observations, heuristics, and competitive analysis
- Learn common UX terminology and deliverables, such as personas, journey maps, scenarios, and user flows
- Use sketching and iteration to develop, refine, and improve design ideas
- Learn how to document your process and present UX work clearly and professionally

UX & UI Design Bootcamp Online

- Conduct user research through interviews, surveys, competitive analysis, and usability testing
- Create personas, journey maps, user flows, and information architecture to guide design decisions
- Design wireframes, responsive layouts, and polished UI projects for web and mobile interfaces
- Apply usability principles, accessibility standards, and common UI patterns to improve user experiences
- Build interactive prototypes and iterate on designs based on feedback, usability findings, and project goals
- Document your process in a portfolio-ready UX case study that demonstrates user-centered design thinking

AI for UX & UI Design Course Online

- Create a reusable AI workspace that backs a UX project from research through prototyping and testing
- Lean on AI for research analysis and for shaping evidence-based product opportunities, journeys, and priorities
- Draw the line on AI agency, from acting alone to leaving control with the user
- Chart inclusive AI-powered user flows built for accessibility, uncertainty, and error recovery
- Push structured Figma designs into working prototypes with AI-assisted development tools
- Weigh AI-generated work on design quality, accessibility, consistency, trust, and user control

AI Coding Bootcamp with Claude Code Online

Take command of the entire process of planning, building, and deploying real web applications with Claude Code in this beginner-friendly, hands-on bootcamp featuring expert instruction, interactive practice, seven labs, and a capstone project.

- Harness Claude Code to plan, build, debug, and deploy web applications through natural language
- Follow the Explore → Plan → Execute → Review workflow to manage multi-step development tasks
- Construct full-stack apps complete with databases, user authentication, and external API integrations
- Incorporate responsive design, accessibility standards, and professional UI patterns
- Establish web security fundamentals including input validation and environment variable management
- Ship finished applications to a live URL using version control and modern hosting platforms

AI UX Design Portfolio Development Course Online

Create three deployed UX/UI applications while building projects that bring together user research, design systems, usability testing, accessibility, AI workflows, and live app development.

- Plan and scope portfolio-ready UX/UI applications around your goals and project interests
- Pick three projects from a selection of UX/UI-focused app options
- Build live apps like portfolio websites, case study builders, research repositories, and UX dashboards
- Create UX tools for journey mapping, service blueprinting, usability testing, accessibility audits, and design handoff
- Tap AI app development tools to build responsive interfaces, database-backed features, and working product flows
- Deploy and document three finished projects that showcase UX strategy, UI design, AI workflows, and technical execution