COURSE SYLLABUS

AI UX & UI Design Bootcamp

This course focuses on practical AI workflows for UX/UI design and is part of the AI UX & UI Design Bootcamp.

Group classes in NYC and onsite training is available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/certificates/ai-ux-ui-bootcamp

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Course Outline

This package includes these courses

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

Figma Bootcamp

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

Take your Figma skills to the next level with this advanced prototyping course. Learn to use variables, modes, and conditionals to add more realistic interactivity to your prototypes.

- 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

UX Design Foundations

Discover the essence of UX Design. From UX vs. UI to usability testing and prototyping, delve into the intricacies of user experience design. Gain practical skills in research, wireframing, and more. Elevate your design game with this comprehensive course.

- Understand what UX design is, how it differs from UI, and how UX designers work
- Learn the end-to-end UX design process from research to final deliverables
- Apply UX research methods including user interviews, observations, and heuristic evaluations
- Define key UXD terminology and create deliverables like personas, journey maps, and scenarios
- Sketch and iterate through the design process using wireframing and prototyping techniques
- Document and present your work professionally to communicate design decisions effectively

UX & UI Design Bootcamp

- 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 UX & UI Design

- Build a reusable AI workspace that carries a UX project from research through prototyping and testing
- Use AI to analyze research and develop evidence-based product opportunities, journeys, and priorities
- Define appropriate levels of AI agency, from acting independently to leaving control with the user
- Design inclusive AI-powered user flows that account for accessibility, uncertainty, and error recovery
- Turn structured Figma designs into working prototypes using AI-assisted development tools
- Evaluate AI-generated work for design quality, accessibility, consistency, trust, and user control

AI Coding Bootcamp with Claude Code

- Use Claude Code confidently for real development tasks and multi-step coding workflows
- Prompt and steer AI effectively using context setting, Plan Mode, review, and recovery techniques
- Work with Git and GitHub for version control, branching, pull requests, and code review
- Understand modern web development fundamentals including HTML, CSS, JavaScript, APIs, frontend, and backend concepts
- Build full-stack applications with Next.js, databases, authentication, and external APIs
- Debug, test, secure, and deploy production-ready applications to the live web

AI UX Design Portfolio Development

- Plan and scope portfolio-ready UX/UI applications based on your goals and project interests

- Build live apps such as 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
- Use AI app development tools to build responsive interfaces, database-backed features, and working product flows
- Integrate features such as authentication, contact forms, file uploads, AI-generated insights, reports, and custom domains
- Deploy and document three finished projects that demonstrate UX strategy, UI design, AI workflows, and technical execution