

APPLIED UI/UX DESIGN AND ENGINEERING

USER RESEARCH, FIGMA, PROTOTYPING & DESIGN SYSTEMS

AI Era Job Ready Skills

Applied UI/UX Design and Engineering is a 24-week intensive program that trains students to design and build exceptional digital user experiences. Students master user research, wireframing, prototyping, design systems, accessibility standards, and front-end implementation. The program covers Figma, Adobe XD, usability testing, and AI-assisted design tools, preparing graduates for UX Designer, UI Engineer, and Product Designer roles.

"Design intuitive, accessible, and beautiful digital experiences"

24 WEEKS

DURATION

288

CONTACT HOURS

11.5

CREDIT HOURS

\$7,200.00

TOTAL PROGRAM COST

2+

CERTIFICATIONS

TWC Licensed

#S6776

WIOA Approved

Funding Available

Monthly Intakes

Enroll Anytime

DURATION: 24 Weeks

TUITION: \$7,200.00

NEXT COHORT: Monthly Intakes

PROGRAM HIGHLIGHTS

- ✓ Live Instructor-Led Training
- ✓ Hands-on Labs & Portfolio Projects
- ✓ Career Support Services
- ✓ Industry Certification Prep (2 Vouchers)
- ✓ WIOA Funding Available
- ✓ TWC Licensed (#S6776)

CAREER PATHWAYS

- UX Designer
- UI Engineer
- Product Designer
- Interaction Designer
- UX Researcher
- Design Systems Engineer

WORK ENVIRONMENTS

Tech Companies

Design Agencies

Financial Services

Healthcare

E-Commerce

Media & Entertainment

LATEST TOOLS & TECHNOLOGIES (2025–2026)

Figma

Adobe XD

Sketch

InVision

Maze

Hotjar

UserTesting

Zeplin

Storybook

Framer

ADMISSIONS REQUIREMENTS

- High school diploma or GED required
- Basic computer skills required
- No prior design experience required
- Background check required prior to enrollment

PROGRAM OUTCOMES & EARNING POTENTIAL

✓ Job Placement Support

Career coaching & resume prep

✓ Real-World Projects

Live client project experience

✓ Industry Certifications

2+ globally recognized certs

✓ Flexible Schedule

6 cohort options per week

✓ WIOA Eligible

100% tuition coverage available

✓ TWC Licensed

Texas Workforce Commission #S6776

• TWC Licensed #S6776 • WIOA Approved • Monthly Intakes • 100% Hands-On • Job Placement Support •

DESIGN FOUNDATIONS TRACK

UIUX 101 UX Foundations & Design Thinking

Weeks 1–2 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hr...

- Explore the principles of user-centered design and design th...
- Conduct user research, interviews, and empathy mapping.
- Develop user personas and customer journey maps.

Tools: Miro, Notion, Google Docs, Figma (for mapping)

UIUX 102 UI Principles & Figma Essentials

Weeks 3–4 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hr...

- Apply UI design principles: visual hierarchy, color theory, ty...
- Learn Figma fundamentals: components, auto-layouts, and ...
- Create responsive UI layouts for desktop and mobile screens.

Tools: Figma, Adobe XD

RESEARCH & PROTOTYPING TRACK

UIUX 103 Wireframes to Prototypes

Weeks 5–6 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hr...

- Build low-fidelity wireframes and transform them into clickab...
- Apply best practices for user flow mapping and navigation st...
- Conduct initial usability testing with prototype versions.

Tools: Figma, InVision

UIUX 104 Design Systems & Accessibility

Weeks 7–8 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hr...

- Build scalable design systems: grids, components, typograp...
- Apply accessibility standards (WCAG guidelines) to digital p...
- Test designs for color contrast, screen reader compatibility, ...

Tools: Stark, Contrast Checker, Figma Libraries

CURRICULUM HIGHLIGHTS

✓ Hands-On Labs

Every module includes real cloud lab exercises

✓ Industry Tools

Learn with the same tools used by top employe

✓ Live Instruction

Expert-led sessions, online and in-person

✓ Project-Based

Build portfolio-ready projects each week

✓ Certification Prep

Included exam vouchers for 2+ certifications

✓ Career Support

Resume, LinkedIn, and interview coaching

- Live Instructor-Led • Real-World Projects • Industry Certifications • WIOA Approved • Job Placement Support •

RESEARCH & PROTOTYPING TRACK

UIUX 105 User Testing & Iteration

Weeks 9–10 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hrs | 1.0 Credit Hour

- Conduct usability tests using moderated and unmoderated methods.
- Gather and analyze user feedback.
- Iterate on designs based on usability data to improve the user experience.

Tools: Maze, UserTesting.com, Figma

DESIGN SYSTEMS TRACK

UIUX 106 Motion, Microinteractions, and Voice UI

Weeks 11–12 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total ...

- Design motion interfaces, microinteractions, and animated tr...
- Prototype voice-activated UI flows and conversational interf...
- Enhance user engagement through animated feedback and ...

Tools: Figma Smart Animate, Principle, Voiceflow

UIUX 107 AR/VR & Immersive UI

Weeks 13–14 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total ...

- Design user experiences for AR/VR applications.
- Understand 3D UI/UX spatial design concepts.
- Build prototypes for augmented reality user flows and immer...

Tools: Adobe Aero, Figma, Unity UI Toolkits

PORTFOLIO & CAPSTONE TRACK

UIUX 108 AI-Powered Design Tools and Automation

Weeks 15–16 | Lec 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total Hrs | 1.0 Credit Hour

- Integrate AI-powered design tools into workflows (e.g., Adobe Firefly, Uizard, Framer AI).
- Generate automated wireframes, mockups, and user flows.
- Evaluate AI's role in the future of creative industries.

Tools: Uizard, Adobe Firefly, Framer AI

WIOA APPROVED PROGRAM

Zero-Cost AI & Cloud Training JOB-READY SKILLS FOR THE AI ERA

100% Tuition Coverage for WIOA-eligible residents of Texas & Louisiana.

(More states coming soon!)

Not WIOA eligible? Ask about flexible 7–36 months financing or one-time payment discounts.

TWC Licensed (#S6776)

Live (Online/In-Person)

Real-World Projects

Industry Certified



John Enoh (MSc)
AI GOVERNANCE LEAD &
CHIEF AI ARCHITECT

- Authority: Microsoft MVP | Engineering Hiring Manager
- Global Footprint: Microsoft & IBM (Principal Architect)
- Elite Education: MIT (AI Modeling), Stanford (Strategy)



Dr. Paul Idowu (PhD)
RESEARCH AUTHORITY &
FACULTY LEAD

- Authority: PhD in AI Systems | 390+ Google Scholar Citations
- Elite Academic Pedigree: PhD Pattern Recognition & AI
- Technical Domain: NLP for 130+ African Languages



Devonte Sykes (MSc)
DIGITAL
TRANSFORMATION

- Authority: Senior Cloud Architect @ Microsoft
- Elite Academic Pedigree: MSc Information Technology (UCF)
- Technical Domain: Azure IaaS/PaaS, Cloud Migration



Abiodun Olatunji, MBA
ENTERPRISE STRATEGIST
& CLOUD AUTHORITY

- Authority: Senior Specialist, Cloud & AI @ Microsoft
- Elite Academic Pedigree: MSc Information Systems, MBA
- Technical Domain: Azure Synapse, Databricks, Big Data



Taiwo Olatunde (MSc)
DATA ARCHITECTURE &
ENGINEERING LEAD

- Authority: Microsoft Fabric Expert | Technical Lead
- Elite Academic Pedigree: MSc Business Analytics (UNT)
- Technical Domain: Microsoft Fabric, ETL/ELT Pipelines



Syed Ishaq Ali, MBA
BI STRATEGIST &
FINANCIAL ANALYTICS

- Authority: 15-Year Financial Sector Veteran | PMP®
- Global Footprint: Bank of Montreal (BMO), Scotiabank
- Technical Domain: Financial Forecasting, SQL, Power BI



Vaishali Singh
AI & MACHINE LEARNING
SPECIALIST

- Authority: Lead AI Engineer
- Technical Domain: Deep Learning, Computer Vision
- Global Footprint: Fortune 500 Tech Companies



Dr. Ibrahim Olokodana
DATA SCIENCE &
ANALYTICS EXPERT

- Authority: PhD in Data Science
- Technical Domain: Predictive Modeling, Statistical Analysis
- Elite Academic Pedigree: Advanced Research in ML



Abdullahi Olapojoye
CLOUD INFRASTRUCTURE
ARCHITECT

- Authority: Senior Cloud Engineer
- Technical Domain: AWS, GCP, Kubernetes, Terraform
- Global Footprint: Enterprise Cloud Migrations



Mackay Ogunleye
CYBERSECURITY &
COMPLIANCE LEAD

- Authority: CISSP, CISM Certified Expert
- Technical Domain: Network Security, Threat Intelligence
- Global Footprint: Global Financial Institutions



Sai Sudha Malluru
SOFTWARE ENGINEERING
& DEVOPS

- Authority: Principal Software Engineer
- Technical Domain: CI/CD, Microservices, Agile
- Global Footprint: Leading Tech Startups



Solomon Adegboye
FULL STACK
DEVELOPMENT LEAD

- Authority: Senior Full Stack Developer
- Technical Domain: React, Node.js, System Design
- Global Footprint: E-commerce & SaaS Platforms

WORK WITH NVIT BUILDERS



Real-World Projects: This training is 100% hands-on. You will work directly with NVIT builders who support clients across North America. Gain experience on live projects, solving actual business challenges — not just theoretical exercises.

CERTIFICATIONS & VOUCHERS

NVIT Certificate + 2 Industry Certifications (Vouchers Included)

Graduates receive the NVIT Certificate of Completion plus Exam Vouchers to write and pass globally recognized certifications from this list:

- Google UX Design Professional Certificate
- Adobe Certified Professional: XD
- Figma Professional Certification
- Interaction Design Foundation UX Certification
- Nielsen Norman Group UX Certification
- AWS Certified Developer – Associate

STANDALONE FEE BREAKDOWN

1. Instructional Tuition	\$6,170.00	
2. Registration Fee	\$50.00	<i>(One-time, non-refundable)</i>
3. Books & Supplies	\$500.00	<i>(Cloud labs, software, e-books)</i>
4. Background Check	\$150.00	<i>(Security clearance processing)</i>
5. Professional Exam Vouchers	\$330.00	<i>(2 Vouchers Included)</i>
TOTAL PROGRAM INVESTMENT	\$7,200.00	

2026–2027 COHORT SCHEDULE

Cohort Name	Days	Time	Format
Alpha / Nova / Forge	Mon – Wed	9:30 AM – 12:30 PM	Morning Session
Helix / Array / Delta	Mon – Wed	1:30 PM – 4:30 PM	Afternoon Session
Photon / Pipeline / Fabric	Mon – Wed	6:00 PM – 9:00 PM	Evening Session
Beta / Snow / Grid	Thu – Sat	9:00 AM – 12:30 PM	Weekend Morning
Cloud / Lambda / Sigma	Thu – Sat	1:30 PM – 4:30 PM	Weekend Afternoon
Nebula / Data / Voyager	Thu – Sat	6:00 PM – 9:00 PM	Weekend Evening

ADMISSIONS & NEXT STEPS

Ready to Apply? Contact our admissions team to secure your spot in the next cohort.
learn.nvit.tech | www.nvit.tech | Mobile: +1 (214) 764-7360

info@nvit.tech
+1 (214) 407-7229