

APPLIED CYBERSECURITY FOR THE AI ERA

ETHICAL HACKING, SOC OPERATIONS & CLOUD SECURITY

AI Era Job Ready Skills

Applied Cybersecurity for the AI Era is a 28-week intensive program that provides rigorous, hands-on training in offensive and defensive security operations. Students master network security, penetration testing, incident response, digital forensics, and cloud security. The curriculum is aligned with NIST, MITRE ATT&CK, and OWASP frameworks, preparing graduates for SOC operations, ethical hacking, and cybersecurity management roles.

"Defend, detect, and respond to modern cyber threats at enterprise scale"

28 WEEKS

DURATION

336

CONTACT HOURS

13.3

CREDIT HOURS

\$8,500.00

TOTAL PROGRAM COST

4+

CERTIFICATIONS

TWC Licensed

#S6776

WIOA Approved

Funding Available

Monthly Intakes

Enroll Anytime

DURATION: 28 Weeks

TUITION: \$8,500.00

NEXT COHORT: Monthly Intakes

PROGRAM HIGHLIGHTS

- ✓ Live Instructor-Led Training
- ✓ Hands-on Labs & Real-World Projects
- ✓ Career Support Services
- ✓ Industry Certification Prep (4 Vouchers)
- ✓ WIOA Funding Available
- ✓ TWC Licensed (#S6776)

CAREER PATHWAYS

- Cybersecurity Analyst
- Penetration Tester
- SOC Analyst
- Cloud Security Engineer
- Incident Response Analyst
- Security Architect

WORK ENVIRONMENTS

- Government Agencies
- Financial Services
- Healthcare
- Defense Contractors
- Tech Companies
- Managed Security Service Providers

LATEST TOOLS & TECHNOLOGIES (2025–2026)

- Kali Linux
- Metasploit
- Wireshark
- Nessus
- Splunk
- CrowdStrike
- Microsoft Sentinel
- Burp Suite
- OWASP ZAP
- Nmap

ADMISSIONS REQUIREMENTS

- High school diploma or GED required
- Basic networking and OS knowledge recommended
- Recommended: CompTIA A+ or Network+ background
- 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

4+ 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 •

SECURITY FOUNDATIONS TRACK

APCYBER 101 Cybersecurity Fundamentals

30 Contact Hours | 1.2 Credits

- Learning Objectives:
- Prerequisite: APCYBER 100

APCYBER 102 Network Security Fundamentals

36 Contact Hours | 1.5 Credits

- Learning Objectives:
- Tools: Wireshark, pfSense, Snort, Suricata, Nmap.

OFFENSIVE SECURITY TRACK

APCYBER 103 Python Programming

36 Contact Hours | 1.5 Credits

- Learning Objectives:
- Tools: Python 3, Jupyter Notebooks, Requests Library, Soc...

APCYBER 104 APCYBER 104

DEFENSIVE OPERATIONS TRACK

APCYBER 105 APCYBER 105

CURRICULUM HIGHLIGHTS

✓ Hands-On Labs

Every module includes real cloud lab exercises

✓ Project-Based

Build portfolio-ready projects each week

✓ Industry Tools

Learn with the same tools used by top employees

✓ Certification Prep

Included exam vouchers for 4+ certifications

✓ Live Instruction

Expert-led sessions, online and in-person

✓ Career Support

Resume, LinkedIn, and interview coaching

DEFENSIVE OPERATIONS TRACK

APCYBER 106 APCYBER 106

APCYBER 107 APCYBER 107

CLOUD SECURITY & CAPSTONE TRACK

APCYBER 108 APCYBER 108

APCYBER 109 APCYBER 109

APCYBER 110 APCYBER 110

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 + 4 Industry Certifications (Vouchers Included)

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

- CompTIA Security+
- CompTIA CySA+ (Cybersecurity Analyst)
- CompTIA PenTest+
- CEH: Certified Ethical Hacker
- AWS Certified Security – Specialty
- Microsoft Certified: Security Operations Analyst (SC-200)
- Google Professional Cloud Security Engineer
- CISSP (Associate Level)

STANDALONE FEE BREAKDOWN

1. Instructional Tuition	\$7,206.00	
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	\$594.00	<i>(4 Vouchers Included)</i>
TOTAL PROGRAM INVESTMENT	\$8,500.00	

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