

APPLIED CLOUD FUNDAMENTALS: AWS, AZURE, OR GCP

CLOUD ARCHITECTURE, COMPUTE, STORAGE & SECURITY

Cloud Career Starter

Applied Cloud Fundamentals is a 16-week program that provides a comprehensive introduction to cloud technology, covering core services across AWS, Microsoft Azure, and Google Cloud Platform. Students learn cloud architecture principles, virtual networking, storage, compute, security basics, and cost management. This program is ideal for IT professionals and career changers seeking a strong foundation for cloud certifications and entry-level cloud roles.

"Launch your cloud career with foundational skills across all major platforms"

16 WEEKS

DURATION

192

CONTACT HOURS

7.7

CREDIT HOURS

\$4,600.00

TOTAL PROGRAM COST

1+

CERTIFICATIONS

TWC Licensed

#S6776

WIOA Approved

Funding Available

Monthly Intakes

Enroll Anytime

DURATION: 16 Weeks

TUITION: \$4,600.00

NEXT COHORT: Monthly Intakes

PROGRAM HIGHLIGHTS

- ✓ Live Instructor-Led Training
- ✓ Hands-on Labs & Real-World Projects
- ✓ Career Support Services
- ✓ Industry Certification Prep (1 Voucher)
- ✓ WIOA Funding Available
- ✓ TWC Licensed (#S6776)

CAREER PATHWAYS

- Cloud Support Specialist
- Junior Cloud Administrator
- IT Systems Analyst
- Cloud Operations Technician
- Help Desk Cloud Support
- Junior DevOps Technician

WORK ENVIRONMENTS

- IT Departments
- Managed Service Providers
- Healthcare IT
- Education Technology
- Government Agencies
- Small Business IT

LATEST TOOLS & TECHNOLOGIES (2025–2026)

- AWS Console
- Azure Portal
- Google Cloud Console
- Terraform (basics)
- Linux CLI
- PowerShell
- AWS CloudFormation

ADMISSIONS REQUIREMENTS

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

PROGRAM OUTCOMES & EARNING POTENTIAL

- ✓ **Job Placement Support**
Career coaching & resume prep
- ✓ **Industry Certifications**
1+ globally recognized certs
- ✓ **WIOA Eligible**
100% tuition coverage available
- ✓ **Real-World Projects**
Live client project experience
- ✓ **Flexible Schedule**
6 cohort options per week
- ✓ **TWC Licensed**
Texas Workforce Commission #S6776

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

CLOUD FOUNDATIONS TRACK

CloudFund 101 Introduction to Cloud Computing

Weeks 1–2 | Lecture 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total

- Understand cloud concepts and essential characteristics.
- Explore service models (IaaS, PaaS, SaaS) and deployment models.
- Navigate AWS, Azure, and GCP portals and services.

Tools: AWS Management Console, Azure Portal, GCP Console

CloudFund 102 Compute & Storage Fundamentals

Weeks 3–4 | Lecture 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total

- Deploy virtual machines and serverless compute services.
- Set up scalable block and object storage solutions.
- Manage backups and disaster recovery options.

Tools: EC2, Azure VMs, GCP Compute Engine, S3, Azure Blob, GCP Storage

CORE CLOUD SERVICES TRACK

CloudFund 103 Networking & Load Balancing

Weeks 5–6 | Lecture 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total

- Configure VPCs, subnets, firewalls, and VPNs.
- Deploy load balancers and configure network security.

Tools: AWS VPC, Azure VNet, GCP VPC, AWS ELB

CloudFund 104 Identity, Security, and Governance

Weeks 7–8 | Lecture 6 Hrs / Lab 18 Hrs / Ext 0 Hrs | 24 Total

- Implement identity and access management (IAM) policies.
- Apply governance frameworks and compliance strategies.

Tools: AWS IAM, Azure Active Directory, GCP IAM

CURRICULUM HIGHLIGHTS

✓ Hands-On Labs

Every module includes real cloud lab exercises

✓ Industry Tools

Learn with the same tools used by top employers

✓ Live Instruction

Expert-led sessions, online and in-person

✓ Project-Based

Build portfolio-ready projects each week

✓ Certification Prep

Included exam vouchers for 1+ certifications

✓ Career Support

Resume, LinkedIn, and interview coaching

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

SECURITY & CAPSTONE TRACK

CloudFund 105 Serverless & Monitoring

Credit

- Build serverless applications and event-driven workflows.
- Set up cloud monitoring, logging, and alerting services.

Tools: AWS Lambda, Azure Functions, GCP Cloud Functions, CloudWat...

CloudFund 106 Cloud Cost Optimization & Emerg...

Credit

- Monitor cloud spend and optimize resource usage.
- Explore emerging cloud services such as AI/ML APIs and IoT.

Tools: AWS Cost Explorer, Azure Cost Management, GCP Billing Repo...

CURRICULUM HIGHLIGHTS

✓ Hands-On Labs

Real cloud lab exercises in every module

✓ Industry Tools

Same tools used by top employers

✓ Live Instruction

Expert-led sessions, online and in-person

✓ Project-Based

Portfolio-ready projects each week

✓ Certification Prep

Included exam vouchers for industry certs

✓ Career Support

Resume, LinkedIn, and interview coaching

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 + 1 Industry Certification (Vouchers Included)

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

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Google Associate Cloud Engineer
- CompTIA Cloud+
- CompTIA IT Fundamentals (ITF+)
- Linux Professional Institute LPIC-1

STANDALONE FEE BREAKDOWN

1. Instructional Tuition	\$3,735.00	
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	\$165.00	<i>(1 Voucher Included)</i>
TOTAL PROGRAM INVESTMENT	\$4,600.00	

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