

APPLIED MULTI-CLOUD ENGINEERING

AWS, AZURE, GCP ARCHITECTURE & CLOUD STRATEGY

AI Era Job Ready Skills

Applied Multi-Cloud Engineering is a 28-week intensive program that trains students to design, deploy, and manage enterprise-grade workloads across multiple cloud platforms. Students master cloud architecture, networking, security, cost optimization, and governance across AWS, Azure, and GCP. The program covers hybrid cloud strategies, cloud migration, and FinOps, preparing graduates for Cloud Architect and Multi-Cloud Engineer roles.

"Architect and manage enterprise workloads across AWS, Azure, and GCP"

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

- Cloud Architect
- Multi-Cloud Engineer
- Cloud Solutions Engineer
- Cloud Infrastructure Manager
- FinOps Analyst
- Cloud Migration Specialist

WORK ENVIRONMENTS

- Enterprise Tech Companies
- Financial Services
- Healthcare
- Government Agencies
- Managed Service Providers
- Consulting Firms

LATEST TOOLS & TECHNOLOGIES (2025–2026)

- AWS Console
- Azure Portal
- GCP Console
- Terraform
- Pulumi
- Kubernetes
- Helm
- Prometheus
- Grafana
- CloudHealth

ADMISSIONS REQUIREMENTS

- High school diploma or GED required
- Basic cloud or networking knowledge recommended
- Recommended: Cloud Fundamentals certification
- 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 •

CLOUD ARCHITECTURE FOUNDATIONS TRACK

MultiCld 101 Cloud Foundations

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

- Understand cloud computing models (IaaS, PaaS, SaaS)
- Explore shared responsibility models and multi-cloud adoption
- Analyze cloud service models and global infrastructure

Tools: AWS, Azure, GCP introductory portals

MultiCld 102 AWS Core Services and Solutions

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

- Deploy VPCs, EC2 instances, S3 storage, and IAM policies
- Configure basic load balancing, autoscaling, and monitoring
- Integrate AWS CLI and SDKs for automation

Tools: AWS Management Console, AWS CLI

AWS & AZURE DEEP DIVE TRACK

MultiCld 103 Azure Core Services and Solutions

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

- Create virtual networks, VMs, blob storage, and role-based ...
- Deploy resource groups and templates
- Configure Azure Monitor and Security Center

Tools: Azure Portal, Azure CLI, ARM templates

MultiCld 104 GCP Core Services and Solutions

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

- Provision compute engines, cloud storage, and IAM
- Set up Kubernetes Engine (GKE) clusters
- Manage billing and cost control tools

Tools: Google Cloud Console, gcloud CLI

MultiCld 105 Identity, Access, and Security Management

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

- Implement Identity and Access Management (IAM) best practices
- Set up security groups, firewalls, and encryption
- Conduct basic vulnerability assessments across clouds

Tools: AWS IAM, Azure AD, GCP IAM, Nessus

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

GCP & HYBRID CLOUD TRACK

MultiCld 106 Multi-Cloud Networking and Connec...

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

- Configure VPNs, Direct Connect, and ExpressRoute
- Implement DNS, traffic routing, and load balancing strategies
- Design hybrid cloud and multi-cloud connectivity solutions

Tools: AWS VPC, Azure Virtual Network, GCP VPC Peering

MultiCld 107 Infrastructure as Code (Terraform, P...

Weeks 13–15 | Lec 9 Hrs / Lab 27 Hrs / Ext 0 Hrs | 36 Total ...

- Build Infrastructure as Code (IaC) templates for AWS, Azur...
- Automate deployments using Terraform and Pulumi
- Manage infrastructure state, modules, and versioning

Tools: Terraform, Pulumi, Git

GOVERNANCE & CAPSTONE TRACK

MultiCld 108 Cloud DevOps and Automation

Weeks 16–18 | Lec 9 Hrs / Lab 27 Hrs / Ext 0 Hrs | 36 Total ...

- Set up CI/CD pipelines for multi-cloud environments
- Automate application deployment with Jenkins, GitHub Acti...
- Integrate Infrastructure as Code into DevOps workflows

Tools: Jenkins, GitHub Actions, AWS CodePipeline, Azure DevOps, G...

MultiCld 109 Cloud Cost Optimization and FinOps

Weeks 19–21 | Lec 9 Hrs / Lab 27 Hrs / Ext 0 Hrs | 36 Total ...

- Apply FinOps strategies to manage and optimize cloud spend
- Implement tagging, budgets, savings plans, and cost foreca...
- Create dashboards for cost visibility across multiple clouds

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

MultiCld 110 Capstone Project and On-the-Job Training

Weeks 22–28 | Lec 0 Hrs / Lab 0 Hrs / OJT + Capstone 84 Hrs | 84 Total Hrs | 3.6 Credit Hours

- Complete a full-scale multi-cloud deployment project
- Design, deploy, and optimize infrastructure solutions across AWS, Azure, and GCP
- Deliver final project reports, cost optimization plans, and operational documentation

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 Enoch (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:

- AWS Certified Solutions Architect – Professional
- AWS Certified Advanced Networking – Specialty
- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Google Professional Cloud Architect
- Google Professional Cloud Network Engineer
- HashiCorp Certified: Terraform Associate
- FinOps Certified Practitioner

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