



GOOGLE CLOUD TRAINING

Google Training Certification Courses

Master Google Cloud platform essentials and achieve your certification. Build and manage robust, scalable cloud solutions efficiently.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This "Google Training Certification Courses" at Computer Pride serves as your essential gateway to mastering the Google Cloud Platform (GCP). Designed for intermediate learners, this comprehensive program covers a spectrum of Google Cloud services, from core infrastructure like Compute Engine and Cloud Storage to advanced data analytics with BigQuery and machine learning capabilities using AI Platform. You'll gain practical, hands-on experience in deploying, managing, and scaling applications on Google's robust infrastructure. This training is structured to build a strong foundational understanding essential for tackling various Google Cloud professional certifications, preparing you for the demands of a cloud-first world.

By completing these courses, you will not only understand the theoretical underpinnings of cloud computing but also acquire the practical skills necessary to architect, develop, and operate solutions on GCP. The professional benefits are immense: increased employability in the rapidly expanding cloud job market, industry recognition for your expertise, and the ability to drive digital transformation initiatives within organizations. Whether you aim to optimize existing infrastructure, build scalable data pipelines, or innovate with AI, this program equips you with the tools and knowledge to excel.

Duration	2 hours
Level	Intermediate
Vendor	Google Cloud

COURSE CURRICULUM

01 Module 1: Introduction to Google Cloud Platform

- Understanding GCP's Global Infrastructure
- Core GCP Services Overview (Compute, Storage, Networking, Databases)
- Managing GCP Resources with Cloud Console, Cloud Shell, and gcloud CLI
- Identity and Access Management (IAM) Best Practices

02 Module 2: Compute and Networking Services

- Deploying Virtual Machines with Compute Engine
- Containerization with Google Kubernetes Engine (GKE)
- Serverless Computing with Cloud Functions and App Engine
- Virtual Private Cloud (VPC) Networking and Firewalls
- Load Balancing and CDN Services

03 Module 3: Storage and Databases

- Cloud Storage for Object Data Management
- Managed Relational Databases (Cloud SQL, Cloud Spanner)
- NoSQL Databases (Cloud Datastore, Firestore, Bigtable)
- Data Migration Strategies and Best Practices

04 Module 4: Data Analytics and Machine Learning Fundamentals

- Introduction to BigQuery for Data Warehousing and Analytics
- Building Data Pipelines with Dataflow and Pub/Sub
- Machine Learning Concepts on GCP (AI Platform, Vision AI, Natural Language API)
- Monitoring and Logging with Cloud Monitoring and Cloud Logging

Module 5: Security and Operations on GCP

- 05**
- Implementing Security Best Practices on Google Cloud
 - Resource Hierarchy and Organization Policies for Governance
 - Disaster Recovery and High Availability Strategies
 - Cost Management and Billing on Google Cloud Platform

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Associate Cloud Engineer: Deploy, monitor, and maintain projects on Google Cloud.**
- > **Cloud Data Engineer: Design and build data processing systems on Google Cloud for analytics and machine learning.**
- > **Cloud Network Engineer: Implement and manage Google Cloud network architectures and services.**

FREQUENTLY ASKED QUESTIONS

Q: How does this training prepare me for specific Google Cloud certifications, such as the Associate Cloud Engineer or Professional Data Engineer?

This "Google Training Certification Courses" program is meticulously designed to cover the core concepts and practical skills tested in various intermediate-level Google Cloud certifications. While it doesn't directly include a certification exam, the curriculum provides a robust foundation, hands-on labs, and best practices that directly align with the exam objectives for certifications like the Associate Cloud Engineer. For specialized roles such as Professional Data Engineer, it establishes essential prerequisites, and we can guide you on further focused learning paths and advanced training options.

Q: What are the prerequisites for enrolling in the Google Training Certification Courses, especially given its "Intermediate" level?

This course is designed for individuals with some foundational IT knowledge. While prior experience with Google Cloud is not strictly required, a basic understanding of cloud computing concepts, operating systems (Linux/Windows), and networking fundamentals will be highly beneficial. Familiarity with command-line interfaces and basic programming concepts (e.g., Python) can also significantly enhance your learning experience, particularly in modules involving scripting or data manipulation tasks on GCP.

Q: What kind of real-world projects or scenarios will I be able to tackle after completing these Google Cloud training courses?

Upon completing these training courses, you will be equipped to handle a variety of real-world Google Cloud projects. You'll be able to deploy and manage scalable web applications using Compute Engine or Google Kubernetes Engine, set up robust data storage solutions, design efficient data pipelines with services like BigQuery and Dataflow, and even integrate basic machine learning functionalities into your applications. You'll gain the confidence to migrate existing on-premises workloads to GCP and contribute effectively to cloud-based solution architecture and operations teams within an organization.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke