









Google Cloud Technical Training and Certification

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| Foundations | | Google Cloud Fundamentals: Core Infrastructure (1 day) | Google Cloud Big Data and Machine Learning Fundamentals (1 day) | Getting Started with Google Kubernetes Engine (1 day) | Getting Started with Terraform for Google Cloud (1 day) | |
| Cloud Infrastructure | Cloud Architect | Architecting with Google Compute Engine (3 days) | Architecting with Google Cloud: Design and Process (2 days) | Getting Started with Google Kubernetes Engine (1 day) | Logging, Monitoring, and Observability in Google Cloud (2 days) | Professional Cloud Architect: Google Cloud Advanced Skills & Certification Workshop (2 days)  |
| | Cloud Engineer | Architecting with Google Compute Engine (3 days) | Getting Started with Google Kubernetes Engine (1 day) | Logging, Monitoring, and Observability in Google Cloud (2 days) | Getting Started with Terraform for Google Cloud (1 day) | Associate Cloud Engineer: Google Cloud Advanced Skills & Certification Workshop (2 days)  |
| Application Development | Cloud Developer | Developing Applications with Google Cloud (3 days) | Getting Started with Google Kubernetes Engine (1 day) | Developing Applications with Cloud Functions on Cloud Run (1/2 day) | Application Development with Cloud Run (3 days) | Professional Cloud Developer: Google Cloud Advanced Skills & Certification Workshop (2 days)  |
| | Cloud DevOps Engineer | Architecting with Google Cloud: Design and Process (2 days) | Logging, Monitoring, and Observability (2 days) | Getting Started with Terraform for Google Cloud (1 day) | Professional Cloud DevOps Engineer: Google Cloud Advanced Skills & Certification Workshop (2 days) |  |
| Kubernetes, Hybrid, and Multi-Cloud | Cloud Architect (Hybrid and Multi-Cloud) | Architecting with Google Kubernetes Engine (3 days) | Architecting Hybrid Cloud Infrastructure with Anthos (2 days) | | | |
| Data Engineering and Analytics | Data Analyst | From Data to Insights with Google Cloud Platform (3 days) | Data Warehousing with BigQuery (3 days) | Analyzing and Visualizing Data in Looker (1 day) | Developing Data Models with LookML (1 day) | Looker Developer Deep Dive (2 days) |
| | Data Engineer | Data Engineering on Google Cloud (4 days) | Serverless Data Processing with Dataflow (3 days) | Professional Data Engineer: Google Cloud Advanced Skills & Certification Workshop (2 days) |  | Data Integration with Cloud Data Fusion (2 days) |
| | Database Engineer | Developing Applications with Google Cloud (3 days) | Enterprise Database Migration (4 days) | | | |

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| Apigee API Management | Architect/Engineer (Hybrid and Private Cloud) | Developing APIs with Google Cloud's Apigee API Platform (3 days) | Architecting with Google Kubernetes Engine (3 days) | Architecting Hybrid Cloud Infrastructure with Anthos (4 days) | Managing Google Cloud's Apigee API Platform for Hybrid Cloud (3 days) | Installing and Managing Google Cloud's Apigee API Platform in Private Cloud (3 days) |
| | Networking and Security | Networking in Google Cloud (2 days) | Logging, Monitoring, and Observability in Google Cloud (2 days) |  | | |
| | Security Engineer | Networking in Google Cloud (2 days) | Security in Google Cloud (3 days) | Logging, Monitoring, and Observability in Google Cloud (2 days) | Professional Cloud Security Engineer: Google Cloud Advanced Skills & Certification Workshop (2 days) |  |
| Machine Learning and Artificial Intelligence | Data Scientist | Machine Learning on Google Cloud (5 days) | Google Cloud Advanced Skills & Certification Workshop: Professional Machine Learning Engineer |  | MLOps on Google Cloud (2 days) | Introduction to AI and Machine Learning on Google Cloud |
| | Contact Center Engineer | Customer Experiences with Contact Center AI – Dialogflow CX (4 days) | Customer Experiences with Contact Center AI – Dialogflow ES (4 days) | | | |
| Google Cloud for Business | | Cloud Digital Leader (2 days) | Data-Driven Transformation with Google Cloud (1 day) | Managing Machine Learning Projects with Google Cloud (1 day) | Leading Change When Moving to Google Cloud (1 day) | |
| Google Cloud and Generative AI | | Introduction to Generative AI for Business Users (2 hours) | Introduction to Generative AI for Business Leaders (2 hours) | Industry Use Cases for Generative AI (2 hours) | Generative AI Explorer (3 hours) | Text Generation for Applications Using Vertex AI Studio (1 day) |
| | | Interactive Chat for Applications Using Vertex AI Studio (1 day) | Vertex AI Model Garden (1 day) Vertex AI Agent Builder (1 day) | Introduction to Responsible AI in Practice (1 day) | Introduction to Developer Efficiency on Google Cloud (1 day) | Application Development with LLMs on Google Cloud (1 day) |
| Specialty Courses | | Understanding Cloud Spanner (3 days) | Managing a Data Mesh with Dataplex (2 days) | Day 2 Operations on Google Cloud (2 days) | Migrating Athena, Redshift, Snowflake, Teradata Users to BigQuery | Google Cloud Fundamentals for Researchers (1 day) |