Professional Cloud Devops Engineer

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🟩 On-demand Course	📋 Resource
⭐ Hands-on Skill Badge	🖥 Live Virtual Workshop
🕐 Hands-on Lab	🏷 *required to earn exam voucher*

Professional Cloud DevOps Engineers implement processes throughout the systems development lifecycle using Google-recommended methodologies and tools. They build and deploy software and infrastructure delivery pipelines, optimize and maintain production systems and services, and balance service reliability with delivery speed.

Recommended candidate:

- Has in-depth experience setting up cloud environments for an organization
- Has experience deploying services and solutions based on business requirements

Click on an activity below to open it (*for on-demand only*)

Pre-Work
- Professional Cloud DevOps Engineer
- Professional Cloud DevOps Engineer Certification Learning Path
- A Tour of Google Cloud Hands-on Labs
- Google Cloud Fundamentals: Core Infrastructure

Module 1
- Technical Workshop 1
- Technical Workshop 2
- Developing a Google SRE Culture
- A Guide to Site Reliability Engineering (SRE)
- Set Up an App Dev Environment on Google Cloud

Module 2
- Technical Workshop 3
- Technical Workshop 4
- Reliable Google Cloud Infrastructure: Design and Process
- Managing Deployments Using Kubernetes Engine
- Working with Artifact Registry
- CI/CD on Google Cloud

Module 3
- Logging and Monitoring in Google Cloud
- Technical Workshop 5
- Technical Workshop 6
- Redacting Sensitive Data with Cloud Data Loss Prevention
- Cloud Logging

Module 4
- Getting Started with Terraform for Google Cloud
- Technical Workshop 7
- Technical Workshop 8
- Build Infrastructure with Terraform on Google Cloud
- Anthos Service Mesh Walkthrough
- Cloud Operations and Service Mesh with Anthos

Module 5
- Technical Workshop 9
- Technical Workshop 10
- Network Tiers - Optimizing Network Spend
- Monitor and Log with Google Cloud Operations Suite
- Implement DevOps Workflows in Google Cloud

Module 6
- Technical Workshop 10
- Exam Readiness Workshop
- Application Performance Management