

# Welcome and Getting Started Guide!

Welcome to Logging, Monitoring and Observability in Google Cloud! By enrolling in this course, you'll be joining a huge, international community of Cloud architects, administrators, SysOps personnel, Cloud developers and DevOps personnel who are helping their organizations monitor, troubleshoot and improve performance and reliability in Google Cloud.

## What to expect during this training course?

This three week on-demand course teaches participants techniques for monitoring, troubleshooting, and improving infrastructure and application performance in Google Cloud. Guided by the principles of Site Reliability Engineering (SRE), and using a combination of presentations, hands-on labs, and real-world case studies, you will gain experience with full-stack monitoring, real-time log management and analysis, debugging code in production, tracing application performance bottlenecks, and profiling CPU and memory usage.

## To get the most out of this course, participants should have:

- Completed the **Google Cloud Fundamentals: Core Infrastructure** course or have equivalent experience
- Basic scripting or coding familiarity
- Proficiency with command-line tools and Linux operating system environments

## What's Next?

- Review the two readings in this section, and then move on to the **Introduction to Monitoring in Google Cloud** module!