# Cloud Digital Leader (CDL)

Content

## Module 1: Digital Transformation with Google Cloud

- Explain why and how the cloud revolutionizes businesses.
- Explain general cloud concepts.
- Discuss the benefits and tradeoffs of using Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS).

## Module 2: Exploring Data Transformation with Google Cloud

- Examine the value of data and how it affects customer experiences.
- Explore the different Google Cloud data management solutions that are available.
- Learn about the ways Google Cloud products have made data more useful and accessible to a workforce.

## Module 3: Innovating with Google Cloud Artificial Intelligence

- Explore key artificial intelligence and machine learning concepts.
- Describe ways machine learning can create value for businesses.
- Examine Google Cloud artificial intelligence and machine learning products and services.

## Module 4: Modernize Infrastructure and Applications with Google Cloud

- Understand the role that cloud modernization and migration play in an organization's digital transformation.
- Examine available options to run compute workloads in the cloud.
- Explore the advantages of using containers, serverless computing, and APIs in application modernization.
- Learn about the business reasons to choose hybrid or multi-cloud strategies, and how GKE Enterprise can help support these strategies.

## Module 5: Trust and Security with Google Cloud

- Identify fundamental security concepts.
- Explore the business value of Google's defense-in-depth multilayered approach to infrastructure security.
- Learn how Google Cloud works to earn and maintain customer trust in the cloud.

## Module 6: Scaling with Google Cloud Operations

- Learn how Google Cloud can help organizations manage cloud finances and costs.
- Explore the basic concepts of modern cloud operations, reliability, and resilience.
- Learn how Google Cloud helps organizations reach their sustainability goals and reduce their environmental impact.