

Building your AI Center of Excellence on Google Cloud

The course, Building your AI Center of Excellence on Google Cloud, is a strategic program designed to help organizations move from fragmented, siloed innovation to a structured, enterprise-wide AI strategy. It focuses on the creation of an AI Center of Excellence (CoE)—a cross-functional unit that centralizes expertise and governance to accelerate AI value. The curriculum is built around four foundational pillars: Strategy, Structure, Governance, and Scale. Participants will learn through a combination of case studies and practical demonstrations of Google Cloud tools like Gemini Enterprise. By the end of the 3-hour session, leaders will have a strategic roadmap for building an AI CoE that aligns with their organizational maturity.

**DURATION**

2-3 hours

**LEVEL**

200 - Intermediate

**FORMAT**

Instructor-led

**SCALABLE**

1-50, scaled to 1000

What you'll learn

- Construct a formal AI CoE charter that translates business strategy into a dual-track mandate.
- Design a cross-functional CoE structure by selecting the appropriate operating model based on your organization's current maturity phase.
- Apply governance playbooks to your dual-track AI projects for safe and effective AI implementation.
- Evaluate AI transformation success using a balanced KPI framework to roadmap the CoE's evolution.

Overview	6 modules
Who this course is for	• Business leaders, C-suite executives such as CIOs and CDOs, and strategic leads responsible for enterprise-wide AI transformation and governance.
Products	• Gemini Enterprise • Gemini Enterprise Agent Platform • Center of Excellence • Agent Runtime on Gemini Enterprise Agent Platform • Google Workspace App Composer • Google Workspace Flows • Agent Studio on Gemini Enterprise Agent Platform • Google Workspace • Agent Developer Kit (ADK)
Prerequisites	• Familiarity with cloud concepts • General understanding of organizational business strategy
Not covered	• Technical model training and AI/agent deployment

Module 01

The case for an AI CoE

Topics	• The challenges facing transforming organizations • Defining the AI CoE • Pillars of the AI CoE
Objectives	• Explain the organizational need for centralized AI leadership. • Identify the core pillars of strategy, structure, governance, and scale.

Module 02

Strategy: Building a Business-Aligned Vision

Topics	• Identifying the Right Tools for Your Organization • Securing Executive Sponsorship • Building your AI CoE Charter
Objectives	• Balance immediate impact with long-term strategy with a dual-track framework. • Build a business outcome-focused executive sponsorship case. • Write a formal AI CoE charter to guide successful AI transformation.
Activities	• 3x demos • 1x exercise

Module 03

Structure: Building Operating Models and Workflows

Topics	• Choosing Your Operating Model • Staffing your AI CoE • Establishing your AI CoE Workflows
Objectives	• Design a cross-functional CoE structure by selecting the appropriate operating model based on your organization's current maturity phase. • Select the right people to staff your AI CoE. • Establish clear and efficient AI CoE workflows.
Activities	• 1x discussion

Module 04

Data Management and Governance: Building Guardrails for Safe Execution

Topics	• Dual-Track Governance • Security on Google Cloud Platform
Objectives	• Apply governance playbooks to your dual-track AI projects for safe and effective AI implementation. • Implement responsible AI governance review processes and apply governance principles. • Use Google Cloud's security architecture and secure AI framework for safe AI implementation.
Activities	• 1x discussion

Module 05

Measure and Scale: Executing Enterprise-Wide Transformation

Topics	• Measuring AI Impact on Business Outcomes • The AI CoE Strategic Roadmap
Objectives	• Identify and report on dual-track KPI metrics that accurately measure business impact. • Construct a three-phase strategic roadmap that transitions the AI CoE from a centralized foundation to a federated scaling model, identifying specific milestones aligned with the organization's current maturity level.
Activities	• 1x exercise

Module 06

Summary and Quiz

Topics	• Review core concepts
Objectives	• Evaluate understanding of core course concepts through scenario-based questions.
Activities	• 4 scenario-based multiple choice questions