

AI Agent Essentials on Google Cloud

This course provides a practical guide to building your own digital workforce, enabling busy managers to shift their focus from being the "everything person" stuck in repetitive tasks to becoming an "Agent Manager" who oversees a smart digital team on Google Cloud. Participants will learn to lead and manage the full Google Cloud AI toolkit—leveraging Gemini for handling day-to-day assistant work and Gemini Enterprise Agent Platform for building specialized, expert agents that know your business rules. The course bridges the gap between just "chatting" with AI and running an automated, high-output department. Learners will master identifying the busywork that steals your time, writing clear "Playbooks" that AI can actually follow, and the essential human safety checks required to grow your team's impact without the burnout. This approach aims to help you reclaim your work week while maintaining total privacy and security for your business data.

**DURATION**

2-3 hours

**LEVEL**

100 - Introductory

**FORMAT**

Instructor-led

**SCALABLE**

1-50, scaled to 1000

What you'll learn

- Distinguish between "Librarian" (Stage 2) and "Chief of Staff" (Stage 3) AI agents.
- Direct the construction of functional, grounded agents using the Agentic Build Loop.
- Implement Human-in-the-Loop oversight models to manage business risk.
- Drive responsible agentic transformation and scale departmental capacity.

Overview	5 modules
Who this course is for	• Department Heads: Need to grow their team's impact without the burnout of increasing headcount. They will learn to oversee digital "Chiefs of Staff" to reclaim their work week and focus on high-level strategy. • Change Agents: Responsible for fixing the clunky, repetitive tasks that slow everyone down. They will learn how to use the Agentic Build Loop to transform "Manual Toil" into smooth, automated workflows. • Strategic Architects: Need to understand how to turn business rules into reliable AI actions. They will gain the skills to design secure "Playbooks" and human safety checks to ensure every agent stays on track and protects the company's data.
Products	• Gemini Enterprise • Gemini Enterprise Agent Platform • Agent Studio on Gemini Enterprise Agent Platform • Agent Runtime on Gemini Enterprise Agent Platform
Prerequisites	• A basic understanding of Generative AI: Knowing the difference between a simple "one-off" prompt and a continuous conversation with AI. • Deep knowledge of your own business processes

Module 01

Foundations of Agentic AI

Topics	• You Already Know Agents • What Is an AI Agent, Really? • The Models Behind the Agents
Objectives	• Recognize that AI agents are already embedded in everyday personal and professional life. • Define an AI agent in non-technical language and distinguish it from chatbots and automation. • Explain the AI models that power agents and why the model is not the agent.
Activities	• 1 discussion

Module 02

Building & Deploying Agents

Topics	• The Build Spectrum • Building an Enterprise AI Agent • The Decision Framework
Objectives	• Identify the spectrum of agent-building approaches and the trade-offs of each. • Build a functional Enterprise AI Agent in Gemini Enterprise to solve a business problem. • Determine which build approach fits a given use case, skill level, and organizational context.
Activities	• 1 live demo

Module 03

Security, Resilience & Oversight

Topics	• When Agents Go Wrong • Keeping Agents in Check • Resilience & Security
Objectives	• Identify specific failure modes and assess the potential business impact. • Apply human oversight models (HITL/HOTL) appropriate to the risk level. • Describe the controls and resilience strategies required for enterprise deployments.

Module 04

Governance & The Agentic Future

Topics	• Governing AI Agents at Scale • Speaking the Language • Your 30-Day Action Plan
Objectives	• Articulate the principles and structures needed to govern agentic AI across an enterprise. • Communicate confidently about AI agents with stakeholders. • Synthesize an actionable personal plan for agentic use and advocacy.
Activities	• 1 activity

Module 05

Summary and Quiz

Topics	• Review of Core Concepts
Objectives	• Evaluate understanding of core course concepts through scenario-based questions.
Activities	• 5 scenario-based multiple choice questions