

Agentic Architect: Section Tracker

5 exam sections. Tick each skill as you learn it, practice it, and prove it in a lab.

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1 Building agents using low-code tools ~13%

Gemini Enterprise Agent Designer basics	☐ Learned	☐ Practiced	☐ Lab done
CX Agent Studio workflows	☐ Learned	☐ Practiced	☐ Lab done
Low-code vs custom build decisions	☐ Learned	☐ Practiced	☐ Lab done

2 Using coding agents for app development ~17%

MCP servers for agent tools	☐ Learned	☐ Practiced	☐ Lab done
Antigravity agentic coding workflow	☐ Learned	☐ Practiced	☐ Lab done
Secure sandboxes on GKE / Cloud Workstations	☐ Learned	☐ Practiced	☐ Lab done

3 Developing custom agents ~33%

Agent Development Kit (ADK) core abstractions	☐ Learned	☐ Practiced	☐ Lab done
Model selection for agent tasks	☐ Learned	☐ Practiced	☐ Lab done
Sessions and memory design	☐ Learned	☐ Practiced	☐ Lab done
RAG with vector retrieval grounding	☐ Learned	☐ Practiced	☐ Lab done
Multi-agent orchestration via MCP and A2A	☐ Learned	☐ Practiced	☐ Lab done

4 Evaluating and deploying agentic workflows ~22%

Golden datasets (20-30 input-output pairs)	☐ Learned	☐ Practiced	☐ Lab done
Evaluation pipelines	☐ Learned	☐ Practiced	☐ Lab done
Runtime selection	☐ Learned	☐ Practiced	☐ Lab done
Troubleshooting drift and reasoning loops	☐ Learned	☐ Practiced	☐ Lab done

5 Securing and governing agentic workflows ~15%

OAuth 2.0 scoped tool calls	☐ Learned	☐ Practiced	☐ Lab done
Model Armor protections	☐ Learned	☐ Practiced	☐ Lab done
Agent Gateway controls	☐ Learned	☐ Practiced	☐ Lab done
Human-in-the-loop guardrails	☐ Learned	☐ Practiced	☐ Lab done

Agentic Architect: Plan + Readiness

4-week study plan, lab readiness, and exam-day checks.

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4-week study plan

Week 1: Foundations + low-code

- Exam guide mapped; 1 low-code agent built; Skills path started
- GCP project set up; billing alerts on



Week 2: ADK deep dive

- Custom agent with memory + RAG; 2nd agent added via MCP/A2A
- Design decisions documented



Week 3: Eval + deploy + secure

- Golden dataset built; drift/loop debugging practiced
- OAuth scopes, Model Armor, HITL guardrails on



Week 4: Lab simulation

- 2 timed builds (<2.5h each); weak topics reviewed
- Exam booked for end of week



Hands-on lab readiness (labs unlock only after you pass the exam)

- ☐ Built 2 complete agents end to end in a live GCP project
- ☐ Single-agent RAG workflow running without guidance
- ☐ Multi-agent orchestration working via MCP or A2A
- ☐ Can debug drift and reasoning loops under time pressure
- ☐ Guardrails in place: scoped OAuth, Model Armor, human-in-the-loop

Exam-day checklist

- ☐ Photo ID ready; Pearson check-in completed early
- ☐ Quiet room, clear desk (online-proctored)
- ☐ 2-hour time budget planned; flag-and-move-on strategy set
- ☐ Labs unlock after passing: 2-month window noted